**HARI**

**Technocrats - IT Engineer | R&D - Aerospace Systems**

**Location:** Dubai–United Arab Emirates (Visit Visa)



**PROJECT ENGINEER - IT** **PROFILE** **IT -TECHNICAL SALES SPECIALIST**

* Possessing 5 years of strong experience in the field of both Active and Passive side of IT infrastructure and Security Systems.
* Handler of 27 Data Center and Structured Cabling projects (ELV / Security Systems) in Dubai along with planning and designing of network infrastructure.
* With **5+** years of leadership experience in the field of IT, Avionics and Unmanned systems (Drones), Embedded Systems, AI (Artificial Intelligence), IoT (Internet Of Things) Solutions and Services.
* Working as a **TECHNOCRATS ENTREPRENEUR at FREELANCER, Dubai, UAE**
* 2+ Years Recently Associated with **PROJECT ENGINEER & IT TECHNICAL SALES SPECIALIST** **–** **IT**

**INFRASTRUCTURE, Dubai, UAE**

* Fast Learner, Open minded work in complex environment and projects.

**TECHNICAL SKILLS**

**EXPERTISE**

* **Expertise in ICT/ELV Systems Integration, Wireless, Networking, Telecom, CCTV & IT Security Systems**
* **Design and Estimation | Project Planning | Cost Optimization | Team Management | Technical Support**
* **OPERATING SYSTEMS - Windows XP… 7/8/10 | Windows Server 2012/2016/2019 | LINUX – Debian/Ubuntu**
* **VM Environment - Hyper-V| VMWare| Citrix Xenserver**

● **Windows Application /Services - ADS| DHCP| DNS| WINS| Terminal Server| IIS| ISA Server**

* **Networking – Routers | Firewall Fortinet/ SonicWall | Wireless LAN | VPN Connectivity CISCO/Cyberroam | Network Switches | CCTV | Access Control | Network Cabling**
* **Remote Management -Team Viewer | Any Desk**
* **Other Applications - MS Office Word, excel, PowerPoint, Outlook, Visio, MS Project | Office 365 | Google Apps | Adobe Software | Custom Show | Slide Dog | Apple MAC Software | iOS Apps | Backup Softwares**

**Veritas BackupExec/ACRONIS/VEEAM/ARC Serve | Network Monitoring Tools Solarwinds/Whatsup gold/PRTG**

* **Anti Virus & Mail Scan - Symantec | Kaspersky | McAfee | eSET | Trend Micro | E-Scan**
* **Network Attached Storage Boxes-QNAP/SYNOLOGY/QSAN/NETGEAR | SAN Storage – IBM/Dell/HP**
* **Cloud Services - AZURE | AWS**
* **Good Analyzing Skills | Trouble Shooting Skills - Hardware/Software Troubleshooting.**
* **Expertise in Techno Commercial Customer & Vendor relationship management**
* **Well Experienced in Technical & Commercial negotiations**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Hands On Product** |  |  |  |  |  |  |
| ● | **Mimosa** | ● | **Meraki** | ● | **Cable Free** | ● | **dahua** |
| ● | **HPE Aruba** | ● | **Office 365** | ● | **Ligowave** | ● | **Wisenet, etc.,** |
| ● | **ClearPass** | ● | **4IP Net** | ● | **TP-Link** |  |  |
| ● | **Cisco** | ● | **Netronics** | ● | **HiKvision** |  |  |

* **C++, HTML, Python, Java, MySQL, Visual Studio Code, PHP, XAMPP, Multi-thread Programming, Computer Vision OpenCV/OpenGL/OPenGV, and C++ tools such as Boost, Eigen, Qt Creator. Optical tracking systems (OptiTrack, Vicon, Qualisys), GTK, Assembler, Shell Scripts, Perl., Networks (IP, TCP, UDP ...), Cryptography**

**(sha, aes, rsa ...), Video Processing (H.264, MJPEG, VP9 …).,**

* **Adobe Creative Suite (Photoshop, Illustrator, Premiere Pro, After Effects), DaVinci Resolve Studio.**
* **Control system, Navigation, Guidance and Control, Unmanned Systems (Drones),Embedded C, Ada, MATLAB and Simulink.**
* **Open Source (Autopilots - Ardu Pilot, PixHawk) R&D Embedded systems, IoT and Sensors using Arduino, Raspberry Pi board – Raspian OS, AirSim , ROS-writing robot software (SLAM, VIO and SVO algorithms).**

**PROFESSIONAL EXPERIENCE**

**TECHNOCRATS ENTREPRENEUR at FREELANCER, Dubai, UAE (September 2019 - Present)**

✓ **IT SERVICES/SOLUTIONS/SYSTEM INTEGRATIONS/MANAGEMENT**

**PROJECT ENGINEER and IT TECHNICAL SALES SPECIALIST – IT INFRASTRUCTURE,**

**Dubai, UAE** **(November 2016 to March 2019)**

**Major Projects subcontractor with M/s GBM** (**Gulf Business Machines)**

* Originate and Capable for new ideas and concepts in handling projects to complete any kind of difficulties and challenges at work.
* Pre-sales tasks including Project quotes, making BOQ’s, Project Estimation, and documentation work.
* Oversee multiple projects across UAE for all phase of development.
* 2+ years UAE experience with a combination of technical expertise in Management, Design, Implementation Structured Cabling System, Planning and Analyzing the Projects, Project Coordination and Client Meetings, Installation Testing and Commissioning Network Cables, Documentation, Reporting, Handover and Maintenances of ICT, ELV SYSTEMS, CCTV SECURITY SYSTEMS, SENSORS, ACCESS CONTROL SYSTEM, IoT

SOLUTIONS, WIRELESS SOLUTIONS, AV & BGM SYSTEMS, NETWORKING, DATA CENTER.,

**Major Projects in IT Infrastructure**

* **RODA AMWAJ SUITES, The Walk, JBR - DUBAI, UAE**
	+ **JEWEL OF THE CREEK - DUBAI, UAE**
	+ **JA OASIS BEACH TOWER, JBR - DUBAI, UAE**
	+ **CHALHOUB GROUP HEAD OFFICE 1 - JAFZA, DUBAI - UAE**
	+ **DUBAI INTERNATIONAL ENDURANCE CITY (Dubai Equestrian Club) - DUBAI, UAE**
	+ **RODA BEACH RESORT, Kite Beach- DUBAI, UAE**
* ICT/ELV Systems Integration.
* Install, Terminate, Test, Label and Patch low voltage cable including but not limited to CAT 5E, CAT 6, CAT6A, ANSI Standard Copper and Fiber backbone & other cables with relevant computing and networking equipment and system needs.
* Switching, routing, load balancing configuration and T-Shooting (Cisco and Aruba)
* Wi-Fi site visit and POC and Heat map and BOM Preparing based on site condition.
* Wireless Controller Cisco & Aruba, 4IPnet, Enginiuous Etc. Configuration and trouble shooting
* Configuring Multi WAN internet load balancer ( Peplink, Mushroom)
* Configuring and troubleshooting of hardware & software based solutions 24online, Hotspot, ANTLABS,
* LAN,WAN,WLAN Technologies Designing and Implementation
* Configuring and troubleshooting of NAC Solution – Clear Pass
* Configuring Wi-Fi internet access restriction policies, content filtering, bandwidth policies.
* Configuring Wi-Fi usage automatic report generation daily, weekly, monthly basis based on customer requirement
* Knowledge and Experience in network and Information security
* Knowledge in Servers and various storage solution, Active Directory, IP-Telephony, Office 365,…
* Outdoor wireless solutions and designing and implementation
* Knowledge in Various NMS tools like WhatsUp gold, PRTG, Solarwinds.,
* Technical coordination – attend technical meetings.
* Design for IP and analogue Surveillance systems.
* Advising the purchasing department on tooling & product purchase & cost control.
* Coordinates with Client / Consultant’s representatives for any site instructions, assign targets for accomplishments and ensure targets are met on Weekly / daily basis for all groups at site.
* Build-out of MDF and IDF Network Infrastructure.
* **Testing Equipment operation using Fluke Networks DSX5000, DSX8000, OLTS, Power Meter and OTDR.**
* Optical Fiber Installation including multimode and single mode (Indoor & Outdoor), Terminating Fiber Optic Cable (Splicing).
* Patch Panel design, Termination, Streamlining of Network rack cabling and Patching and Labelling.
* Maintain Infrastructure for Computer Network and Wireless Network Systems by installing, repairing and upgrading cable infrastructure.

**FIELD OF WORK:**

|  |  |  |
| --- | --- | --- |
| ✓ **Government & Public Sector** | **–** | **ICT Consulting & Implementations.** |
| ✓ | **Oil and Gas** | **–** | **Outdoor Point to Point solutions.** |
| ✓ | **Hospitality sector** | **–** | **Major Hotels & Shopping Malls under Highly Esteemed** |
|  | **& Corporate clients** | **–** | **WiFi with billing solutions, ICT and Security Systems** |
| ✓ | **Real Estate** | **–** | **WiFi hotspot solution** |
| ✓ | **Manufacturing Industries** | **–** | **Wi-Fi solutions, Datacenter Infrastructure** |
| ✓ | **Retail Sector** | **–** | **IT & ELV Systems.** |
| ✓ | **Healthcare sector** | **–** | **Wireless Backhauling solutions & Security systems** |
| ✓ | **Staff Accomodation** | **–** | **WiFi with Billing solutions, CCTV** |
| ✓ | **Sports Organization** | **–** | **IT Infrastructure** |

**Personal Skills & Competencies**

* Attended Trade Exhibitions, Seminars, and Conferences ( GITEX 2018, GITEX 2019 Technology week & Future stars)
* Been actively engaged with clients in supporting through latest technologies for making better solutions to end users.
* Build strategic partnership and alliances with service providers, system integrators, IT resellers, distributors to position the product in new geographies.
* Knowledge in various marketing tools like salesforce, Ongage, hubspot, mailchimp, LinkedIn...
* Discover upsell strategies to optimize client budgets on CAPEX and OPEX
* Manage all aspects of the project life cycle, including project scope, resource, risk, budget, timeline, and quality, from project initiation, through planning, execution to project closure.
* Ability to effectively manage relationships and communications with project stakeholders.
* Ability to multi-task in a demanding engineering environment - all H&S procedures are met and maintained.
* Quick learner with the ability to pick up new technical skills in short durations.
* Resolving complex technical issues and coming up with fast efficient solutions.
* Good communication skills, Positive attitude with the ability to deal with people diplomatically.
* Practical & future aspects technology thinking power.
* Success in working to tight timelines and interfacing with suppliers from different geographical locations.

**IT Specialist & Design Engineer (Avionics - Embedded System), MAAVAN Aeronautics**

**(P) Ltd, Chennai, India** **(September 2014 to September 2016)**

* Research and develop ideas for new products (drones) and the systems.
* Conducted detailed market, technology and product research in the Aerospace-Defense Industry, especially Unmanned Aerial Vehicles. Correspondence to work leads and follow up.
* Design, code, test, and provide ongoing support for embedded systems software and simulation software to meet technological and customer requirements.
* Optimize cost-effectiveness of existing product range
* Liaise with suppliers during product development and prototyping phases
* Managing complete IT Infrastructure and report generation.
* Monitoring assistance to all research, training activities and industrial services of Maavan.
* Install, configure, test and maintain operating systems, application software and system management tools.

**International Experience and Training (2012 -2014)**

❖ **Seasonal Worker at Finland and Independent worker and travel to across Schengen** **countries, Europe**

❖ **Experience as Research Assistantship to students during Master Studies in University.**

❖ **Volunteering Researcher at Boteon Robotics R&D Center, Kharkiv, Ukraine, Eastern Europe** ❖ **System Engineer (Hardware & Software) at Codeupset Pvt Ltd, Kharkhiv, Ukraine, Eastern**

**Europe**

**EDUCATION**

**MS in Aerospace Control Systems** from **National Aerospace University –** "KhAI”, Ukraine- Eastern EuropeGrade: ‘**A**’ with **Honors** GPA: 4.4/5 **|** Sep 2012 – Jun 2014 **(“Graduated summa cum laude" & Awards)**

**Bachelor of Technology** in **Information Technology** from Periyar Maniammai University **–** PMIST, India

Grade: ‘**A**’ with CGPA: 9.45/10 **|** Jun 2008-May 2011 **(ENGINEERING DEGREE CERTIFICATE ATTESTED)**

**Diploma** in **Information Technology** from State Board of Technical Education and Training, Chennai, IndiaFirst Class with **Honors |** Jun 2005-May 2008

**CERTIFICATION**

**Certification on MATLAB** **License Number: LWR150609007**

**PROJECTS IN GRADUATION**

Masters Project

Thesis: **“RESEARCHING ALGORITHMS OF UNMANNED VEHICLE AUTONOMOUS NAVIGATION”** – XAIDRONE

Bachelors Project: **“HUMANOID ROBOT”**

**PERSONAL TRAITS**

**ENTREPRENEURIAL** Delivering new ideas. **HARDWORKING** Work hard to reach targets. **DEDICATED** Loyal & Dedicated. It’s just What I am. **SENSE OF HUMOUR** Work hard, Play Hard

**CREATIVE DESIGNING** Able to Mix and Matchtechnologies to meet customer needs.

**REVENUE & TIME SAVING** Helped the company indefining workflow which in turn reflected as revenue and time saving process.

**MOTIVATION** Always been keen in motivatingcolleagues to meet demanding engineering conditions

**OTHER ACHIEVEMENTS**

* **Published international Research Paper at XVI International Youth Scientific and Practical**

**Conference “Human and Space”** –2014 held at National Aerospace Educational Center of Youth,Dnepropetrovsk, Ukraine, **Eastern Europe**.

* **Graduated as the best Master’s student achieving Honors degree (“Graduated summa cum laude")**

**& Awards** from National Aerospace University–"Kharkiv Aviation Institute"(KhAI), Kharkiv, Ukraine, **Eastern Europe** in June 2014

**LANGUAGES**

۰**Tamil** (Advanced) ۰**English** (Intermediate) ۰**Hindi** (Novice) ۰**Malayalam** (Novice) ۰**Russian** (Novice)

**PERSONAL INFORMATION**

|  |  |  |
| --- | --- | --- |
| Date of Birth | : | 4th January 1990 |
| Gender | : | Male |  |
| Nationality | : | Indian |  |
| Marital Status | : | Single |  |
| Driving License | : | Indian |  |
| Country TravelledPersonal Contact : hari-398060@2freemail.com Reference : Mr. Anup P Bhatia, HR Consultant, Gulfjobseeker.com 0504973598I am available for an interview online through this Zoom Link <https://zoom.us/j/4532401292?pwd=SUlYVEdSeEpGaWN6ZndUaGEzK0FjUT09> | : | Ukraine, Russia, Finland, Germany, Sweden, Norway, Poland, UAE., |