Cover Letter & CV

Ephin

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Dear Sir / Madam

I would like to apply for the post of Lecturer / Teacher (Computer / IT) / a suitable post in your reputed organization. I Have 15 years of academic experience in Colleges and Universities in India, UAE and Oman.

I have enclosed my CV along with this for your kind consideration.

I hope I shall hear from you very soon.

Thank you

Yours Truly

CURRICULAM VITAE

**Objective**

Seeking position as a Computer Teacher / Lecturer in a reputed Organization or a suitable post to share my knowledge and continue my learning process and keep on regular development in my career.

**Summary**

* Around 15 years of Teaching and Industry Experience in Colleges and Universities in India, UAE and Oman.
* Completed Master of Engineering in Computer Science and Engineering from Anna University, India in 2004. (Certificate Attested by Apostille, Govt., of India)
* Completed Bachelor of Engineering in Computer Science and Engineering from Manonmaniam Sundaranar University, India in 2002.
* Teaching includes delivering lecture to Under Graduate (UG) and Post Graduate (PG) Programme students and guiding research students.
* Administration activities include academic advising, assisting students in selecting modules in different levels(Gulf College), co-coordinating with HOF in module and level selection for APL students(FCS, Gulf College), involving tasks related to students admission(Karunya University), preparation of Examination Timetable (Karunya University), Curriculum Development etc.,
* Having valid UAE driving license.

**Work Experience (15 Years)**

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| --- | --- | --- | --- |
| **Organization** | **Designation** | **Period** | **Years** |
| Gulf College, Oman ( UK Curriculum) | Lecturer | July 2014 to till date | 2yr 8 mths |
| Scientific College of Design, Muscat  (UK Curriculum) | Lecturer | Apr 2013 to Jun 2014 | 1 yr 2 mths |
| Karunya University, Coimbatore, India  (Indian Curriculum) | Assistant Professor SG | Jan 2010 to Apr 2013 | 3 yrs 4 mths |
| Emirates Airlines I.T Division, Dubai | IT Trainer cum Software Engineer | Mar 2007 to Dec 2009 | 2 yr 7 mths |
| RMD Engineering College, Chennai, India  (Indian Curriculum) | Lecturer | June 2002 to Mar 2007 | 4 yr 10 mths |

**Educational Qualification**

|  |  |  |  |
| --- | --- | --- | --- |
| **Examination** | **Board\University** | **Year** | **Class (Percentage)** |
| M.E (CSE) | Anna University | 2002-2004 | First (71%) |
| B.E (CSE) | Manonmaniam Sundaranar University | 1998-2002 | First (65%) |
| HSC | TamilNadu State Board of Education | 1998 | First (80%) |
| SSLC | Board of Secondary Education TamilNadu | 1996 | First (79%) |

**Roles & Responsibilities**

* Subjects Handled
  + - Fundamentals of IT, Management of Information Systems
    - Current Trends in Information Systems Development
    - Data Base and Management Systems, Software Engineering
    - Computer Networks, Network Security
    - Dot Net Programming , System Analysis and Design
    - Programming in C, C++, Java, Data Structures
    - Information Technology in Business
    - Web Design, Web Technology , Web Application
* Other Responsibilities
  + - Class Advisor, Mentor
    - Exam Coordinator, Question Paper Setter & Answer Script Evaluator
    - Faculty Seminar In-charge, Events Organizer
    - CDC(Curriculum Development Cell) Member
    - Admission Coordinator, Research Paper Publisher
* Responsibilities in IT Industry
  + User Interface Design and coding
  + Software Development using Dot Net
  + Providing Training on Applications

**Technical Skills**

Operating Systems : Windows 95/98/NT/2000/XP/7/8, Dos 6.22.

GUI Tools : ASP .NET, VB .NET, C#,C,C++, Java

DBMS & RDBMS : SQL Server, Oracle, MS Access

Scripting & Internet Tools : JavaScript, HTML, XML,CSS

Office Tools : MS Word, MS Excel, MS PowerPoint

Web Servers : MS IIS

IDE : Visual Studio 6.0, Visual Studio .Net 2003/ 2005/2008/2010

**General Skills**

* Managerial skills
* Excellent communication and writing skills
* Strong team player with remarkable interpersonal skills
* Excellent Customer Support skills
* Ability to make quick and excellent decisions and organize thoughts in the face of time constraints and full workload.
* Uncommon determination to learn and ability to learn fast.
* Creative and resourceful thinking.
* Excellent time management and problem solving skills
* Able to work independently and under pressure also

**Papers Published in Journals and Conferences**

* Ephin M, “A Highly Secure Authentication Scheme Using Text and Integrated Biometrics Technique”, International Journal of Innovative Trends in Engineering, Vol. 20, Issue 1, Aug 2016
* Ephin M, N.A. Vasanthi, “A Highly Secure Integrated Biometrics Authentication using Finger-Palmprint Fusion, **International Journal of Scientific and Engineering Research** (IJSER), **Impact Factor.** 0.4510,  **Vol. 4, Jan 13**
* Ephin M, N.A. Vasanthi, “Survey on Multimodel Biometric Using Palmprint and Fingerprint”, **International Journal of Computer Applications** (IJCA), **Impact Factor.** 0.814,  **Jan 13**
* Ephin M, N.A. Vasanthi, “Survey of Chaos Based Image Encryption and Decryption Techniques”, **International Journal of Computer Applications** (IJCA), **Impact Factor.** 0.814,  **Jan 13**
* Ephin M, Annie Kiruba. J, “An Approach For Fingerprint Image Verification”, International Journal of Engineering Research and Technology(IJERT), **Impact Factor.** 1.76, Vol. 2, Mar 13
* Ephin M, Shreya Mohan, “**Advanced Authentication Scheme using Multimodal Biometric Scheme”, International Journal of Computer Applications Technology and Research, Vol. 2, Mar 13**
* Ephin M, Asha Paul M, ShinuAcca Mani, N.A. Vasanthi, “Comparative Study on Biometrics System”, International Conference on Futuristic Trends in Computer Science Engineering & Information Technlology (ICCT 2012), Jan 2012.
* Ephin M, J. Udhayan, N. A. Vasanthi, “Analysis on various factors affecting the Biometrics Authentication”, IEEE International Conference on RAIT2012 (Recent Advances in Information Technology) This paper available in IEEE Xplore, Mar 2012.
* Ephin M, N.A. Vasanthi, “A  Highly Secure Integrated Biometrics Authentication using Finger-Palmprint Fusion, International Conference on Speech, Image, Biomedical & Information Processing SIBIP 2012, Nov 2012.
* Ephin M, N.A. Vasanthi, “TIBAS – A Highly Secure Authentication Scheme Using Text and Integrated Biometrics Technique”, ACEEE International Conference on ARTCom2012 (Advances in Recent Technologies in Communication & Computing), Oct 2012.
* Multi-user Detection Techniques for Code Division Multiple Access in NATCON’04 (National Conference on Recent Trends in Communication Techniques, Apr 7-8, 2004) at Noorul Islam College of Engineering.
* Multi-user CDMA Detection Techniques with Space-Time Coding in (May 1-3, 2004) at Dr. M.G.R Educational and Research Institute.

**Participated Conferences, Workshops, Trainings**

* Workshop on Intellectual Property, Gulf College, Apr 2016.
* Workshop on What makes an Effective Lecturer, Gulf College, Mar 2016.
* Workshop on Citation Indexing: an orientation session, Gulf College, Mar 2016.
* Workshop on Research Software Tools, , Gulf College, Dec 2015.
* International Conference on Security of Internet of Things, SecurIT2012, International Conference on Security of Internet of Things, 17, 18 & 19 Aug 2012.
* IEEE International Conference on RAIT2012 (Recent Advances in Information Technology), Indian School of Mines, Dhanbad, Jharkhand, India, 15, 16 & 17 Mar 2012.
* International Conference on Futuristic Trends in Computer Science Engineering & Information Technlology (ICCT 2012), Thiruvalluvar College of Engineering and Technology, Vandavasi, Tamil Nadu,India, 28 & 29 Jan 2012.
* International Conference on Language Development And Computing Methods ILDACM 2010, Karunya University, Coimbatore, India, 2 & 3 Dec 2010.
* National Conference on Emerging Trends in Engineering and Technology, Dr. M.G.R Educational and Research Institute, Chennai, Tamil Nadu, India, 1,2 & 3 May 2004.
* National Conference on Recent Trends in Communication Techniques, Noorul Islam College of Engineering, Kumaracoil, Tamil Nadu, India, 7 & 8 Apr 2004.
* Question Bank Preparation Workshop conducted on 17th and 18th June 2011 at Karunya University.
* Peoject Preparation workshop conducted on 15th and 16 th June 2011 by Infosys at Karunya University.
* Value Education Training conducted on 23.06.2011 at Karunya University.
* Orientation Program on Int’ to National Youth Program, Mar 2011 at Karunya University.
* Faculty Vision Program conducted on 10th Nov 2012 at Karunya University.
* Completed Faculty Development Program on Instructional Design and Delivery conducted by National Institute of Technical Teachers Training & Research, Chennai(Government of India).
* Completed Short Term course on Information Systems Protection from Emirates Aviation College, Dubai.
* Completed Faculty Development Program on High Performance Computing conducted by IBM.
* Completed Short Term course on Advanced Computer Troubleshooting from Microcode.

**Research Projects Guided**

**PG Projects :**

* Multimodal Biometric Authentication using fusion
* Fingerprint Matching
* Encryption and Decryption of Biometric Images
* Texture - Preserving image deblurring
* Diagonising the diabetes through ridge based segmentation modeling of retina
* Biometric authentication system on mobile
* Secure information access for web services using EXACML model

**UG Projects:**

* Activity Tracking System , Elixir, Document Management System
* Transport Management System, Library Management System,
* Placement Management System, Automation of dispatch System
* Job Portal, Web Site Builder, ERP Solution for Bug Industry
* Online Banking System, Online Activity Management System
* Online Advertising and Consumer Support System
* Online Registration System for Distance Education
* Module and Classroom Management System,
* Online Ticket Booking System of Transport Industry
* Online Logistics Management System, Online Passport Handling System
* Online Helpdesk System for an IT Organization, Job Portal
* Automation of Grade Calculation and Publishing System
* Automation of Events Management System, Finger Print System
* Customer Support System for an Educational Organization

**IT Projects**

Title : Case File Tracking System

Environment : ASP.NET, C#, SQL Server 2005, Visual Studio.Net 2005

Description : This is a Web based application. The Focus of this project is to improve the visibility and traceability of Case Files, Evidence and Consignments within the mainDubai Public Prosecution. This includes modules like Asset Tracking, Statistical Reports,Administration, Tag Inventory, Application Dashboard etc., There is also a requirement to provide improved visibility and traceability of Case Files as they are transferred to andfrom the adjacent Court.

Title : Knowledge Driven In-Flight Services

Environment : ASP.NET, VB.NET, SQL Server2000.

Description : This is a Web based application used by the pursers in a flight to retrieve up-to-date and real-time customer information to provide superior service. This system provides information about customers. Special services (such as: Infants, Patients, Children, etc), meal and drink preferences, crew details and many more. The information delivered to the purser, who uses a Tablet PC using mobile communication (GPRS and GSM) technologies.

**Academic Projects**

**M.E., Project:**

Title : Multi-User Detection Techniques for CDMA

Environment : Matlab, Windows NT

Duration : 5 Months.

Team Size : 1.

Description : This Project is based on the mobile communication. It can be used to analyze the performance of different algorithms used in cell phones.

**B.E., Project:**

Title : Internet usage and Billing System

Environment : ASP, HTML, JavaScript, SQL Server, Windows NT

Duration : 2 Months

Team Size : 3.

Description : This is a Web based application used by the pursers in a flight to retrieve up-to-date and real-time customer information to provide superior service. This system provides information about customers. Special services (such as: Infants, Patients, Children, etc), meal and drink preferences, crew details and many more. The information delivered to the purser, who uses a Tablet PC using mobile communication (GPRS and GSM) technologies.

**Personal Details**

Age and date of birth : 36 years, 08-10-1981

Sex and Marital status : Male, Married

Languages Known : English, Tamil, Malayalam