**CURRICULUM VITAE**

**HIMA**

**Email:** [**hima.387985@2freemail.com**](mailto:hima.387985@2freemail.com)

**Work History**

**Junior software engineer** *Jun, 2013-Nov, 2013*

Poornaminfovision, *Ernakulam, Kerala, India*

* Knowledge of Linux/Unix operating system.
* Provided website troubleshoot service for clients.
* Basics of database management system.

**Assistant Professor** *Jun, 2017-Mar, 2018*

College of Applied Sciences (IHRD), *Palakkad, Kerala, India*

* Executed timely follow up of students’ academic progress and class attendance.
* Conducted introductory sessions about college profile and admission procedure for fresh students.
* Prepared detailed reports about students on monthly basis.
* Maintained laboratory stocks and purchased equipment.
* Coordinated technical seminars and workshops.
* Taught introductory and upper level courses in **Basic electronics, Electronic circuits, electronic devices, digital image processing. Multimedia systems and microprocessors and microcontrollers**.
* Wrote course materials like syllabi, homework assignments and handouts.

**Guest Lecturer** *Dec, 2013-Apr, 2014*

St. Mary’s Polytechnic, *Palakkad, Kerala, India*

* Taught introductory and upper level courses in **digital electronics and microprocessors.**
* Developed and delivered engaging lectures to students,
* Wrote course materials like syllabi, homework assignments and handouts.
* Administrated and graded midterm and final examinations.
* Supervised and evaluated students’ laboratory works in **Basic electronics experiments**.
* Coached students on public speaking and presentation skills.

**Educational Qualifications**

**M.Tech: Applied electronics andcommunication systems** *June, 2016*

Nehru College of Engineering and Research Centre**,** *Thrissur,Kerala, India*

* Aggregate CGPA 8.27.
* Advanced academic research in cognitive radio networks.

**B.Tech: Electronics and communication engineering**  *April, 2013*

Palakkad Institute of Science and Technology, *Palakkad, Kerala, India*

* Aggregate CGPA 8.01.
* Scored above 70% marks for all semesters in B. Tech examinations.
* Attended and presented technical topics in the various programs organized by the association of electronics department ‘Electrobeatz’.

**Paper Publications**

* Published a paper titled *“ The scope of trust calculation in single and multi-relay selection for reliable cognitive radio networks”* in IJAREEIE, Volume 5, Special issue 4, March 2016. ISSN(online):2278-8875, ISSN(print):2320-3765. Impact factor-5.016.
* Published a paper titled *“A review on security improvements by relay selection in cognitive radio networks”* in IJSER, Volume 7, Issue 2, February 2016. ISSN(online): 2229-5518, Impact factor-3.8.

•Published a research paper titled *“Trust based relay selection improves security for multiple destination in cognitive radio networks”* in IJESC, Volume 6, May 2016, Impact factor-5.6

**Skills**

* Fluent in English
* Good knowledge of MS Office and internet access.
* Microsoft Excel knowledge including Hlookup, Vlookup and Macros
* Basics of MySQL and knowledge of MS access.
* Knowledge of network connectivity checking.
* Effective problem solving
* Organization
* Friendliness
* Active listening
* Technology adaptability
* Good communication

**Personal details**

* Nationality: Indian
* Languages Known: English, Hindi, Malayalam
* Marital status: Married