Pavan G V
M.Tech Student
Computer Science and Engineering
M.S. Ramaiah Institute of Technology

+91 8867286882
pavangv12@gmail.com

Academic Details

Year	Degree	Institute	Percentage/CGPA
2023	M.Tech in Computer science and Engineering	M.S Ramaiah Institute of Technology	CGPA= **7.75/10**
2018	B.E in Computer Science and Engineering	P.E.S college of engineering, Mandya	CGPA = **7.16/10**
2014	Class XII	Alva's PU college, Moodabidri	**90.5%**
2012	Class X	Pushpa School, Periyapatna	**78.56%**

Objective

To be a part of an organization where I get a chance to use my knowledge and skills to contribute to the progress of the organization as well as myself.

Work Experience

- **TATA CONSULTANCY SERVICES PVT Ltd**
  Database Administrator //CISCO   *Aug 2018 – Aug 2019*
  - To administer one or more databases in a production environment.
  - Setup and maintain database in the development, test, and production environment
  - Database backup and recovery using standard tools.
  - Hands-on experience in disaster recovery methods including the ability to switchover, and failover.
  - Knowledge in monitoring the database using standard and third-party tools.
  - Participate in on-call as a team leader. Worked as an L2 DBA.
- **Beckman Coulter India Pvt. Ltd, Radiometer Opco.**
  Software Engineer Intern   *Nov 2022 – present*

Projects

- **College Website with online faculty feedback system**   *Dec 2017 – April 2018*
  Developed a website for the *PES College of engineering CSE Department under the guidance of Prof. Shwetha*, Where we integrated the department library and a faculty feedback system into the department page, we used   HTML 5, bootstrap, CSS 3, JavaScript as the front end, PHP as server language and MySQL as our backend.
- **Covid19-dashboard**
  Personal project   *Aug 2021*
  Developed a covid 19 dashboard using react js, material UI and firebase, using disease.sh, an open API for disease-related stats.
- **Virtual Mouse – Human-Computer Interaction**
  Python Course Project   *Mar 2022 – May 2022*
  Developing a virtual mouse based on the concept of HCI to interact with the system/devices virtually without using interface devices.
- **DDoS detection and Mitigation in the Named Data Network**   Nov 2022 – ongoing
  M. Tech final year project, working under the guidance of Prof Annapurna P Patil, HOD of CS&E to detect and mitigate the DDoS attack on the named data network which is different from the traditional TCP/IP Networks.
- **Asset Reservation System for RIT College**   *Jan 2022 - ongoing*
  Developing an Asset Reservation system for Ramaiah Institute of Technology under the guidance of Prof. Annapurna P Patil, HOD of CS&E Dept.

Achievements

- Secured Second place for the project College Website with online feedback system in an inter-college project exhibition conducted by PESCE Mandya.
- Received Sanjana Nidhi Merit scholarship from Shri Kshetra Dharmasthala trust for 4 years In BE program for securing 96.50% in PU core subjects PCMC.
- Ranked 135 in the PGCET 2021 taken by over 1,00,000 students across the state.
- Cleared GATE 2021 national level exam and received the stipend from AICTE for my master's program.
- Got a certificate of appreciation for volunteering in TCS Maitree activities.

Publications

- P. G. V, Meeradevi and S. V, "**Survey on Security Risks in 5G Private Industrial Networks**," 2022 4th International Conference on Circuits, Control, Communication and Computing (I4C), Bangalore, India, 2022, pp. 147-152, doi: 10.1109/I4C57141.2022.10057943.
- Pavan G.V, "**Web-Application-of-Attendance-and-Result-System",** Volume 5 - 2020, Issue 4 - April International Journal of Innovative Science and Research Technology

Conferences/Workshops Attended

- Participated in an online Course on "Remote Sensing and Digital Image Analysis" Conducted by the Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during Aug - 2020 to Sept - 2020.
- Attended the 2nd national conference of the free software movement of India, It's the biggest gathering of free software activities.
- Attended Industry 5.0 Workshop Organized by Dept. of ISE and Dept. of CSE of MSRIT.

Relevant Courses

- **Computer Science:** Computer Networks, Operating Systems, Database management systems, Data Structures and Algorithms, Programming Languages, Discrete Mathematical Structures.
- **Mathematics:** Graph Theory, Probability Theory, Linear Algebra.

Computer Skills

- **Programming Languages:** C, Java, Python, JavaScript.
- **Software Packages:** NumPy, OpenCV, Media Pie.
- **Platforms:** Linux and Windows.
- **Hands-on:** PHP, MySQL, HTML, CSS, ReactJs,

Position of Responsibility

- Member of the FSMK technical team Bangalore region since May 2016, where all the free software enthusiastic meet up and workshops happen.
- Served as a **Student Mentor** in my final year B.E. for the CSE Department First Year Students. Helped them get acquainted with college studies and the environment.