

PAUL JOSE

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PROFESSIONAL SUMMARY

Dedicated Front-End Developer with a strong background in computer science and a keen interest in developing efficient, scalable, and secure web applications. Proficient in HTML, CSS, JavaScript, and frameworks such as React and Bootstrap. Skilled at solving complex technical challenges and optimizing web performance.

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C, Rust
- **Web Technologies:** JavaScript, HTML5, CSS, React, Bootstrap
- **Databases:** MySQL, SQLite
- **Tools:** Git, GitHub, IntelliJ IDEA, SSH (Secure Shell), Telnet, SIEM Tools, IDS, IPS
- **Cloud Services:** Google Cloud Platform (GCP)
- **Network Technologies:** IPv4, IPv6, OSPF, BGP, Spanning-tree, VLAN, WLAN, VPN

WORK EXPERIENCE

Apprenticeship

AT&T Communications India Pvt. Ltd., Bengaluru

November 14, 2022 – November 08, 2023

- Apprenticeship focused on the Business Customer Experience BU, gaining hands-on training and exposure to advanced network technologies including IP, OSPF, BGP, VLAN, STP, and QoS.
- Supported Domain 1.0 customers in service activations and performed basic post-implementation troubleshooting for network deployments under the guidance of lead engineers.
- Demonstrated excellent performance, proactivity, and strong communication and interpersonal abilities, effectively collaborating with peers and external stakeholders.

PROJECTS

Facial Attendance Machine (Python)

Technologies: Python, Deep Neural Networks

- Designed and implemented a Python-based attendance monitoring system to replace our college's existing fingerprint biometric system, making it twice as fast and accurate.
- Utilized deep neural networks for facial recognition and attendance tracking, improving accuracy and speed compared to the existing system.
- Addressed usability issues faced by users with wet hands by providing a non-contact biometric solution.

Smart Farming Application (Java)

Technologies: Java, XML, Android Studio, SQLite

- Designed and launched an Android application during Covid-19 pandemic, enabling remote farm monitoring for individuals transitioning to farming.
- Addressed the challenge of monitoring farms remotely due to the distance between residences and farms, enhancing monitoring efficiency and security.
- Developed a real-time data monitoring and visualization feature in the app, incorporating a dynamic data table and video surveillance to deliver live updates and visual insights into farm conditions.

Portfolio Website (HTML, CSS)

Technologies: HTML, CSS

- Designed and developed a personal portfolio website to showcase projects and skills.
- Implemented a responsive design using CSS Grid and Flexbox, ensuring compatibility across devices.

EDUCATION

Bachelor of Technology in Computer Science and Engineering (CSE)

APJ Abdul Kalam Technological University, Kerala

August 2018 – August 2022

- Graduated with a CGPA of 7.43/10
- Relevant Courses: Object Oriented Programming; Data Structures and Algorithms; Data Warehousing; Computer Networks; Cryptography; Data Science; Database Management Systems

CERTIFICATIONS AND COURSES

Responsive Web Design

freeCodeCamp.org

August 2024

Google Cybersecurity Certificate

Coursera - Grow With Google

March 2024

Python Full Stack Course

Pentagon Space

May 2022

Introduction to Internet of Things

NPTEL (Funded by the Ministry of HRD, Govt. of India)

October 2021

Architecting with Google Compute Engine

Coursera

September 2021

ADDITIONAL INFORMATION

- **Languages:** Malayalam (Native), Tamil (Proficient), English (C1 IELTS)
- **Hobbies:** Reading technology blogs, hiking, traveling, volunteering, participating in coding challenges, learning new languages and cultures
- **Collaborative Teamwork:** Proven ability to work effectively with diverse teams to achieve project goals.
- **Analytical Thinking:** Skilled in identifying issues and developing strategic solutions.
- **Flexibility:** Quick to adapt to changing requirements and new technologies.
- **Effective Prioritization:** Proficient in managing time and tasks to meet deadlines.