

RAAJEIVE K

Software Engineer with 2+ years of Experience in Full Stack Software Development.

📍 Bengaluru, India

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EXPERIENCE

Software Engineer

Hewlett Packard Enterprise R&D

📅 July 2019 – Present

📍 Bengaluru, Karnataka

- Involved in Design and Development of **Aruba Lab Reservation Tool** using **Mongo DB, Express JS, React, Node JS (MERN)** and **Python**, which helped manage 8000+ network devices.
- Developed Network Auto-Discovery of switches using **REST/SNMP, Node JS** and **Python** for Reservation Tool.
- Involved in developing **Automated Mail Notifications** for Reservation Tool using **Python, Node JS** and **SMTP**.
- Involved in Developing **Triage and Reporting Tool**, which reduced the manual efforts in triage and reporting of automated test executions using **Mongo DB, Express JS, React** and **Node JS** web stack and **Python**.
- Developed **Feature Parity Checker** using **Python** for check-in analysis in **Jenkins** to prevent incorrect check-ins.
- Involved in developing a **Networking Daemon Health Monitor** to help baseline and analyse behaviour of L3 protocols such as **OSPF** and **BGP** in Aruba Switch builds using **Python**.

R & D Intern

Hewlett Packard Enterprise R&D

📅 January 2019 – July 2019

📍 Bengaluru, Karnataka

- Involved in developing **Boot Characterisation** scripts which helped in identifying critical issues in low-end Aruba Switches using **Python**.
- Developed the scripts to Automate the Evaluation of **Convergence Time Characteristics** of L2 Protocols such as **STP** and **ERPS** using **Python**.

- Developed **Web Tool** to generate **AOS-CX** configuration commands for a given **AOS** configuration commands using **Flask** and **Python**.

EDUCATION

Bachelor of Engineering (BE), Electrical and Electronics Engineering

PSG Institute of Technology and Applied Research

📅 2015 – 2019

📍 Coimbatore, Tamil Nadu

Relevant Courses: C and C++ Programming languages and Object-Oriented Programming.

TECHNICAL SKILLS

- **Programming Languages:** C/C++, Python, Javascript
- Data structures and Algorithms
- **Web Tech:** ReactJS, NodeJS, Express, Flask
- **Databases:** MongoDB, PostgreSQL, MySQL
- **Others:** Linux, Git, JIRA, pytest

OTHER ACTIVITIES

- Participated in **Aruba Hackathon 2019** in a team of 3 and Designed "**The Policy based L2 and L3 Interface MTU Correlation**" for Matrix ASIC.
- Received "**Person of Excellence - Recognition**" from HPE, Aruba for Performance from November 2020 to October 2021.