

SHAM RAJU PATIL

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SUMMARY

Deputy Engineer with 3 years of experience in crafting advanced embedded solutions for defense systems, leveraging Yocto Linux to bolster security measures. Demonstrates a strong command of network security protocols, including OpenVPN and server hardening on RHEL and Ubuntu, while excelling in Python programming and SQL database management.

- WORK EXPERIENCE
- Deputy Engineer, Bharat Electronics Limited

Aug 2023 - March 2025

 - Develop embedded solutions with Yocto Linux for secure defense systems.
 - Configure OpenVPN and harden servers on RHEL and Ubuntu for cybersecurity.
 - Manage procurement, liaise with vendors, and finalize suppliers for projects.
 - Collaborate with defense forces to deploy mission-critical systems.
 - Enhance firewall operations and access management with Fortinet devices.
 - Developed new design specifications that streamlined production processes, improving efficiency and reducing lead times.
 - Conducted in-depth system performance analysis, enabling data-driven adjustments that led to measurable improvements in operational effectiveness.
 - Fostered teamwork among engineering teams to address complex project challenges, leading to timely project completions and elevated stakeholder satisfaction.
- Internship, Agile Connect

May 2022 - May 2023

 - Worked under the supervision of the Head of Department, contributing to various technical tasks.
 - Performed basic Python programming and designed SQL databases.
 - Assisted in database structuring and development activities.
 - Provided Level 1 IT support, addressing common technical issues.
 - Installed operating systems, configured routers, and troubleshooted network problems.

- EDUCATION
- Master of Data Science

March 2025 - Dec 2026

Monash University, Clayton, Australia
- Bachelor in Computer Science and Engineering

July 2019 - May 2023

Visvesvaraya National Institute of Technology, India

 - Mentored juniors by providing academic support and guidance
 - Helped organize and manage various college events and activities
 - Led the Organizing Committee for cultural, technical, and academic events

KEY SKILLS

- Python Programming
 - SQL
 - R Programming
 - RHEL
 - Yocto Linux
 - Fortinet Firewall
 - Network Monitoring
 - Network Security
 - Technical Writing
 - Embedded Linux
 - Time Management
 - Communication
 - Team Leadership
 - OpenVPN
 - Project Management
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LANGUAGES

- English
 - Hindi
 - Marathi
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LINKS

- [LinkedIn](#)
 - [GitHub](#)
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REFERENCES

- Available upon request