

SHAM RAJU PATIL

patil.sham2001@gmail.com | +61 493080467 | Malvern East, Melbourne, Australia

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

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| Deputy Engineer, Bharat Electronics Limited | Aug 2023 - March 2025 |
| <ul style="list-style-type: none">Developed embedded solutions with Yocto Linux for secure defense systems.Configured OpenVPN and hardened servers on RHEL and Ubuntu for cybersecurity.Managed procurement, liaised with vendors, and finalized suppliers for projects.Collaborated with defense forces to deploy mission-critical systems.Enhanced 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 |
| <ul style="list-style-type: none">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

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| 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 | |
| <ul style="list-style-type: none">Mentored juniors by providing academic support and guidanceHelped organize and manage various college events and activitiesLed 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