



GOPAL VAMAN NAIK

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A result-oriented, hardworking, and self-motivated B.E student, looking for a challenging career where I can implement my coding knowledge to enhance my skills further. Good knowledge of Java, Cloud, JS, SQL, and Operating Systems. Furthermore, I can quickly learn and adapt new skills and technology dynamically.

Education

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| RV College of Engineering Bangalore, India | 2021 - 2024 |
| • BE in Electronics and Communication Engineering | (expected) |
| Shree Vidyadhiraj Polytechnic, Kumta, India | 2017 - 2020 |
| • Diploma in Electronics and Communication Engineering | |

Skills

Java | DSA | IoT | Cloud | DBMS | AWS | Networking Protocols | HTML | CSS | JS | Cisco Packet Tracer | SQL

Work Experience

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|--|------------------------|
| Mitron Technologies and Innovations Embedded System - Intern | Jan'21 - Jun'21 |
| • I worked on customer projects from start to finish, including design, implementation, and testing. | |
| • Maintained real-time Embedded systems, including troubleshooting and resolving issues. | |
| • Designed and implemented solutions for multiple domains, including the Air Force and Indian Railways . | |
| • Worked with a team of engineers to design and implement complex systems. | |
| • Learned about the latest Embedded systems technologies and best practices. | |

Projects

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| Real-Time Network Devices Monitoring Dashboard | Nov'23 - Present |
| • Developing a dashboard for real-time monitoring of routers, switches, and servers, providing live status updates health, and alerts. | |
| • Tools used: Java, HTML, CSS, JavaScript, SQL, Spring Boot, AWS. | |
| Real-time Railroad Crossings Safety System - Indian Railway | Jan'21 - Jun'21 |
| • Developed and maintained a real-time Railroad Crossings Safety System to improve public safety and reduce work complexity for railway employees. | |
| • The system uses automation to track trains and secure the railroad crossings, reducing the risk of accidents. | |
| Development of Real-Time Crop Cultivation and Nutrient Recommendation System | Jun'23 - Aug'23 |
| • A portable device that suggests the amount of additional nutrients required for a specified crop. | |
| • Tools used: Firebase, Amazon EC2, ESP32 controller. | |
| • Developed Mobile application for user interface using MIT App Inventor. | |
| Home Automation System | Sep'21 - Dec'21 |
| • Architected IoT-based Home Automation System allows users to control their devices using a mobile app. | |
| • Custom designs Based on Customer requirements. | |
| • Tools used: Firebase, ESP32 controller, MIT App Inventor, EasyEDA, Arduino IDE. | |

CERTIFICATES AND BADGES

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| • Programming In Java - | NPTEL Online Certification | (Jan'23 - Apr'23) |
| • Introduction to IoT - | Cisco Networking Academy | (Aug'23) |
| • AWS Knowledge: Cloud Essentials - | Amazon Web Services Training and Certification | (Oct'23) |
| • AWS Cloud Quest: Cloud Practitioner - | Amazon Web Services Training and Certification | (Oct'23) |
| • Python Essentials 1 - | Cisco Networking Academy | (Sep'23) |
| • Introduction to Packet Tracer - | Cisco Networking Academy | (Aug'23) |