

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, HTML, CSS, JS, SQL, and Operating Systems. Furthermore, I can quickly learn and adapt new skills and technology dynamically

Education

RV College of Engineering Bangalore, India	2021 - present
<ul style="list-style-type: none">BE in Electronics and Communication Engineering	
Shree Vidyadhiraj Polytechnic, Kumta, India	2017 - 2020
<ul style="list-style-type: none">Diploma in Electronics and Communication Engineering	

Skills

JAVA | DSA | JavaScript | HTML | CSS | MYSQL | RDBMS | Python | C/C++ | Cloud | AWS | Networking Protocols | Cisco Packet Tracer | Embedded System |

Projects

Real-Time Network Devices Monitoring Dashboard github	Nov'23 - Dec'23
<ul style="list-style-type: none">Developing a dashboard for real-time monitoring of routers, switches, and servers.Providing live Status updates Traffic, Alerts, and Health parameters.Tools: Java, Spring Boot, MySQL, HTML, CSS, JavaScript, Postman.	
Development of Real-Time Crop Cultivation and Nutrient Recommendation System github	Jun'23 - Aug'23
<ul style="list-style-type: none">A portable device that suggests the amount of additional nutrients required for a specified crop.Developed Mobile application for user interface using MIT App Inventor.Tools used: Firebase, Amazon EC2, ML, ESP32 controller, GPS Module, NPK Sensor.	
Home Automation System github	Sep'21 - Dec'21
<ul style="list-style-type: none">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.	
Real-time Railroad Crossings Safety System - Indian Railway	Jan'21 - Jun'21
<ul style="list-style-type: none">Developed and maintained a real-time Railroad crossing safety System to improve public safety.Reduce work complexity for Indian railway employees.The system uses automation to track trains and secure the railroad crossings, reducing the risk of accidents.	

Work Experience

Mitron Technologies and Innovations Embedded System - Intern	Jan'21 - Jun'21
<ul style="list-style-type: none">Worked on customer projects from start to end, 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.	

CERTIFICATES AND BADGES

• Programming In Java -	NPTEL Online Certification	(Apr'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 IoT -	Cisco Networking Academy	(Aug'23)
• Introduction to Packet Tracer -	Cisco Networking Academy	(Aug'23)
• Operating Systems Basics -	Cisco Networking Academy	(Sep'23)

INTERESTS

Photography | Editings | Hiking | Travel | Swimming