

GOVARDHAN REDDY PALAKOLANU

College Graduate | Fresher

Location: Bangalore

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SUMMARY

Aspiring entry-level Software Engineer skilled in HTML, CSS, Java and MySQL. Eager to contribute to user-friendly web applications and enhance expertise in Front-End and Back-End technologies within a collaborative team.

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering	June 2020 – May 2024
Vemu Institute of Technology	Percentage: 70.48%
Board of Intermediate Education	June 2018 – May 2020
Sri Chaitanya Junior College	CGPA: 9.67
Board of Secondary Education	June 2017 – March 2018
Rathnam EM High School	CGPA: 9.2

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript
- **Frontend Technologies:** HTML, CSS, JavaScript
- **Backend Technologies:** Java
- **Database Management:** MySQL
- **Integrated Development Environments (IDEs):** Eclipse, Visual Studio Code
- **Operating Systems:** Windows

SOFT SKILLS

- Problem-solving & Analytical Skills
- Communication & Collaboration
- Adaptability & Flexibility
- Teamwork & Willing to learn new technologies

PROJECTS

Title: Implementing an Intelligent Traffic Management System with MQTT Protocol – **January 2024 – April 2024**

- Developed and implemented an IoT-based Smart Traffic System, addressing the shortcomings of traditional systems by leveraging real-time data and intelligent control mechanisms.
- Designed and developed a smart traffic management system using ESP32 microcontroller, IR sensors, and MQTT protocol.
- Integrated MQTT protocol and Wi-Fi connectivity to enable seamless data transmission and remote monitoring via an IoT web page.
- Achieved dynamic traffic signal adjustment and remote monitoring capabilities.
- Demonstrated significant improvements in traffic efficiency and reduced congestion through real-time data analysis and intelligent control mechanisms.

ACHIEVEMENTS

- Completed Full Stack Web Development Training Certificate at Tap Academy.
- Participated in IP Awareness program under National Intellectual Property Awareness Mission – Feb 2023.
- Achieved certificate of merit conducted by the Insolvency and Bankruptcy Board of India – July 2023.