

SUMANTH RAVICHANDRA

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SKILLS

Languages: JavaScript, TypeScript, SQL

Technologies & Tools: Nodejs, Express, PostgreSQL, MongoDB, AWS, Sequelize ORM, REST APIs, Git, Nginx, Redis, ReactJs

EXPERIENCE

Accelerlab Solutions Pvt. Ltd, Moodbidri – Software Engineer

SEPT 2022 - OCT 2024

IoT Data Analytics Dashboard

- Designed and developed an IoT data analytics dashboard to track real-time LPG consumption for industries, providing actionable insights through data calculations and visualizations.
- Utilized MQTT messaging protocol to collect real-time data from controllers on an AWS EC2 instance, storing it in MongoDB via Change Stream methodology and websocket for insights.
- Built notification system using AWS SES and AWS SNS for real-time alerts on critical events.
- Tech stack: Nodejs, Express, MongoDB, AWS EC2, AWS SNS, AWS SES, MQTT, WebSocket

E-Commerce

- Developed an e-commerce solution for a sculpture manufacturing company, enabling them to sell products online and reach new customers.
- I primarily focused on designing and developing the entire backend system, incorporating multiple payment gateways for seamless payment processing and logistics management.
- Tech stack: Nodejs, PostgreSQL, AWS S3, Twilio, SendGrid, Phonepe, Razorpay, Shiprocket

Matrimonial

- Contributed to the development of a matrimonial app by adding user block/unblock, reporting, and notification features, and addressing bugs.
- Tech stack: Nodejs, Express, PostgreSQL, Firebase Cloud Messaging

EDUCATION

CGPA 7.8, Bachelor's degree in computer science, SDM College

2019 - 2022

PUC (EBAC), 86.3%, SDM PU College, Ujire

2017 - 2019

SSLC, 80.6%, Morarji Desai Residential School Machina

2017

ACHIEVEMENT

Digital Design Lead, College Festival (2022)

- Successfully led the digital design team to create engaging visuals and graphics for the festival.

HOBBIES

- Graphic design with Adobe Photoshop, Illustrator and Figma
- Stock investing/trading