

# MALLANAGOUDA R BIRADAR

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[Linkedin](#)

[GitHub](#)

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[Leetcode](#)

## Technical Skills

**Frontend** : NextJs, ReactJs, AngularJS, Redux, Javascript(ES6+), Typescript.

**Backend** : Python, AI/ML, NodeJS, Express.js, Django , MongoDB, REST APIs, Kafka, MYSQL, SQL, Microservice.

**Platforms** : Azure, GCP, Linux, AWS, Jenkins, Docker, GIT.

## Experience/Projects

### ShikshaLokam

Feb 2024 – Present

Backend Developer

Full Time - Bengaluru, India

- Developed **Python**-based automation scripts for creating and managing programs, handling configurations, and integrating APIs for the Elevate Project Service.
- Developed dynamic report generation features for projects using **Gotenberg** and **EJS** templates, and automated report uploads to cloud platforms, including **AWS**, **Azure**, and **GCP**
- Led the development of the Entity Management Service for the ELEVATE platform, building over 95 percent of the service independently.
- Implemented functionality for program creation, data validation, and logging using libraries such as **requests**, **pandas**, **numpy**, **openpyxl**, and **xlrd**.
- Built **open-source** software with a focus on usability and seamless adoption, while leveraging **Docker** to streamline containerized **deployments** and operational efficiency.
- Led the design and implementation of reliable, resilient **microservices**, enhancing asynchronous use-case logic using **Kafka**, and contributing to mission-critical software components.
- Designed and implemented scalable RESTful APIs for managing entities using **Node.js**, **Express**, and **MongoDB**.
- followed best practices for code quality, testing, and documentation to support robust project operations.

### Livesitter

Jan 2024 – Aug 2024

BACKEND DEVELOPER AND AI/ML ENGINEER

Freelancing - Remote, India

- Developed a **Python-based** solution integrating **OpenAI's GPT-4 vision** capabilities to analyze images of childcare playgrounds for potential hazards.
- Designed prompts and leveraged **AI** to identify hazardous items, Automated data extraction and report generation using **Pandas**, **numpy**, ensuring clean and detailed outputs.
- Developed a **Python-based** system to automate SMS and WhatsApp messaging to clients at scheduled times using the **Twilio API**.
- Implemented scheduled messaging logic to trigger SMS and WhatsApp notifications at predefined intervals, enhancing customer engagement and communication.

### HCL(Hindustan Computer Limited )

Dec 2022 – May 2023

UI FULL STACK DEVELOPER

Internship - Remote, India

- UI Full Stack Developer with expertise in **AngularJS**, **TypeScript**, **API integration**, **HTML5**, and **CSS**.
- Successfully developed over 10 projects during the internship training.
- Proficient in **CRUD** operations and API fetching and committed to delivering high-quality, user-centric solutions.

## Personal Projects/Awards & Achievements

### AI-Powered Nominee Evaluation & Report Generation System

Feb 2025 - Feb 2025

- Automated nominee assessments using **AI (Gemini 1.5-flash)**, reducing manual review time.
- Processed diverse evidence types (PDFs, images, videos, YouTube/Google Drive links) and generated structured **AI-driven reports**.
- Tech Stack: **Node.js**, **Puppeteer**, **Gotenberg** (headless Chromium), CSV processing, **AI/LLM-based content analysis**.

## Education

BLDEA's V P Dr PG Halakatti College of Engineering .

Aug 2019 – Sep 2023

B.E IN ELECTRONICS AND COMMUNICATION

Vijayapura, karnataka