Gourav R

Mumbai | gouravrchandra@gmail.com | 99646 87274 | Portfolio | linkedin.com/in/gourav-r

github.com/g-gourav-r

Professional Summary

An experinced full-stack developer with a strong record of delivering end-to-end web applications. Expert in designing and building responsive user interfaces with React.js and Next.js, while architecting scalable back-end services using Python (FastAPI) and Node.js. I specialize in integrating GenAI-powered features through advanced prompt engineering and manage the full application lifecycle, from database design (SQL/NoSQL) to automated deployments with Docker and CI/CD pipelines.

Technical Expertise

Languages: Python, JavaScript
AI & Emerging Technologies: GenAI, Prompt Engineering
Front End: HTML, CSS, SCSS, Bootstrap, Tailwind CSS, GSAP, React JS, Next JS
Back End: Node.js, FastAPI, Celery
Databases: MySQL, MongoDB, PostgreSQL, SQLite, Redis
DevOps & Cloud: Docker, GitHub Actions, Cloud Run, Cloud Tasks, AWS (EC2, S3, Elastic IP, Route 53)
Tools & Practices: RESTful APIs, Scrum, Jira, Git, GitHub, Artifact Registry, DNS Management
CMS & Marketing: WordPress, HubSpot, SEO, Google Search Console

Professional Experience

Associate Software Engineer, Blenheim Chalcot – Mumbai, India   Sep 2023 – Present

Designed, developed, and deployed full-stack applications from the ground up, covering both front-end and back-end systems. My role involved building responsive user interfaces with frameworks like React.js and Next.js, while also architecting the back-end with Python (FastAPI) and Node.js to handle business logic and data. I managed the entire development lifecycle, from setting up databases (SQL/NoSQL) to automating deployments with Docker and CI/CD pipelines.

Agilisys:

- Rebuilt and rebranded Agilisys's public-facing website end-to-end. Designed the tech stack, developed full-stack features, and managed deployment.
- Rebuilt the front-end with responsive design, improved accessibility, and enhanced SEO. Worked closely with marketing on visual language and brand alignment.
- Engineered scalable back-end services including a custom job board, traffic analytics, and infrastructure upgrades like **DNS migration**, **IP-blocking**, and **2FA**.

QuickScore, Avado:

- Designed and launched a full-stack **AI evaluation tool** for the *Chartered Institute of Personnel and Development*, cutting grading time by **85%** via prompt engineering and intelligent response analysis.
- Built a clean, accessible UI for learners and assessors. Back-end stack included secure APIs, **JWT authentication**, and a relational **MySQL database**.
- Deployed and monitored the system at scale, with over **4,000 users** onboarded in the first month.

Query Ticket Automator, Hive Learning:

- Developed a lightweight full-stack tool to automate customer support ticket generation from a public web form.
- Integrated **SMTP via Amazon SES** for automated emails that trigger Freshdesk ticket creation.
- Improved workflow efficiency and reduced response time for internal support teams.

Projects

OptiExtract | AI - IDP   🌐 Application

- Built an intelligent document parser using **PyTesseract**, **FastAPI**, and **React.js** that lets users upload structured files and define templates to extract data from fixed coordinates.
- Integrated AI for flexible key-value pair extraction from unstructured documents, reducing manual data entry and improving automation for business workflows.
- Designed a cloud-native system using **PostgreSQL** for storage, **Cloud Run** for hosting, and **Docker image registry** for deployment management.
- Orchestrated bulk uploads with Cloud Tasks and wired Pub/Sub to trigger alerting workflows, including email notifications via SMTP.

Agino | AI Data Analyst   📹 Demo

- Built an AI-powered assistant for business users and team leads. Developed end-to-end application using **Node.js**, **React.js**, **MongoDB**, **OpenAI**, and **Pinecone**.
- Users can connect to databases via connection strings and ask questions in plain English. The assistant converts these into SQL-like queries, fetches data, and visualises it with dynamic graphs and insights.
- Deployed on AWS using S3 and Elastic Beanstalk, integrated OpenAI for natural language processing and Pinecone for vector-based semantic search.

Education

Vidyavardhaka College of Engineering, BE in Computer Science   Jun 2020 – Aug 2024
CGPA: 8.7/10

Certifications

Cloud Digital Leader   Google Cloud
WebOps Certified Developer   Pantheon

Publications

IoT-Enhanced Smart Carry to Prevent Spinal Cord Injury by Weight Monitoring   Nov 2023

Published in International Conference on Recent Advances in Science and Engineering Technology (ICRASET), IEEE Xplore.

10.1109/ICRASET59632.2023.10419955 — IEEE ICRASET 2023, B.G. Nagara, India