CHINMAY GHAYAL

Software Developer

Pune Maharashtra • chinmayghayal@gmail.com • +91 9096280153 • LinkedIn • GitHub• Portfolio

PROFESSIONAL EXPERIENCE

TECHSTACK   REMOTE | **California , United States**

Backend Engineer Intern   **May 25 - Present**

- **Built and scaled Pipeline AI** a microservices architecture using **Python** and **JavaScript**, integrating **Apache ZooKeeper** and **worker threads** to handle over **500 concurrent research tasks** and support **100+ concurrent users**, while **reducing system downtime by 35%** and improving backend efficiency by **40%**.
- **Integrated custom AI agents** into spreadsheet workflows to automatically research and qualify companies, leading to a **30% increase in lead accuracy** and significantly reducing manual effort.

THE FRICK   REMOTE | **Mumbai, Maharashtra**

Product Developer Intern   **January 25 - May 25**

- Built and deployed **portfolio websites, CMS-driven platforms, and e-commerce solutions**, including **thefrick.in**, with a focus on **clean, modular code**.
- Integrated **Three.js** to create **interactive 3D experiences**, enhancing user engagement.
- Optimized **AWS-based deployments** for improved performance and reliability.

CAPX INDIA   REMOTE | **Pune, Maharashtra**

SDE Intern   **October 24 - January 25**

- **Contributed to the development of a fintech platform** by implementing a **scalable microservices architecture**.
- Integrated **brokers' APIs** for seamless data exchange and trade automation.
- Designed and optimized **task scheduling** to automate **trade checks, data fetching, and notifications**, enhancing system **efficiency and scalability**.

PROJECTS

WALLET APP *LIVE USER* | *MERCHANT* | *CODE*   **WEB APP** | SEPT **2024**

- Developed a **QR code-based payment system** with **P2P transactions**, real-time voice acknowledgment, and merchant payments.
- Built with **Next.js, Node.js, Express, PostgreSQL, and Prisma ORM**, leveraging **Redis & WebSockets** for real-time updates.
- Optimized **transaction processing** and webhook handling, reducing latency with caching and parallel builds via **TurboRepo**.

SKILLS

- **Full Stack Development**: JavaScript, TypeScript, Next JS, TurboRepo, React JS, Node.js, Express, WebRTC, WebSockets, NestJs, REST APIs.
- **Programming Languages**: Java, Python
- **Problem Solving**: Data Structures, Algorithms
- **Databases**:Redis, Prisma ORM, MongoDB, Mongoose , SQL
- **Version Control**: Git, GitHub , Docker

EDUCATION

SAVITRIBAI PHULE PUNE UNIVERSITY   **Pune, MH**

Bachelor of Engineering in Information Technology   2022-2026