

Chaitanya Mittal

Dubai, UAE | +971 55 748 1967 | chtnnh@gmail.com | [LinkedIn](#) | [Website](#) | [GitHub](#)

SUMMARY

Backend-heavy senior full-stack engineer with over 4 years of experience building products at multiple Y Combinator backed startups across AI, FinTech and Web3. Hands-on with infrastructure, with a focus on building reliable, scalable and secure platforms. Equally comfortable with architecting and implementing from scratch as well as contributing to mature codebases. Golden Visa until 2034.

SKILLS

Languages: Python, Golang, TypeScript, Solidity, JavaScript, Bash

Frameworks: FastAPI, Fiber, ExpressJS, NestJS, ReactJS, NextJS

Data: PostgreSQL, MySQL, Chroma, Redis, MongoDB, GraphQL, gRPC

Cloud: AWS, Azure Cloud, Docker, Kubernetes, Terraform, Ansible, Grafana, Prometheus, Loki

EXPERIENCE

Senior Software Engineer, [CodeAnt AI \(YC W '24\)](#)

Apr 2025 - Present

- Led development of AI Agents for Code Security. Our agents have found **80+ zero-day vulnerabilities** in popular open-source projects including 5+ High and Critical on CVSS.
- The AI for Code Security contributes **~25% of total revenue**.
- Implemented **large-scale code refactoring** including optimizing CI pipelines, reducing container image sizes, linting, formatting and code quality.
- **Cut monthly compute costs by 30%** through optimized AWS Serverless infra.
- Primarily worked with Python, FastAPI, AWS, Docker, Kubernetes, OpenAI APIs and GitHub Actions.

Founding Engineer, [Unsiload AI \(YC F '25\)](#)

Jan 2025 - Mar 2025

- **Deployed multi-modal transformers to production**; set up API authentication, authorization, rate-limiting and batching.
- Maintained and deployed **low-code LLM Workflow creation and management tool** called orchestrator.
- Built and deployed platform to production to allow users to use our proprietary multi-modal transformers with preset workflows.
- **Owned Azure and AWS infrastructure end-to-end**.
- Primarily used FastAPI, Docker, Kubernetes, Terraform, Bash, Azure and AWS.

Freelance Engineer

Jan 2024 - Dec 2024

- **Took 3 products from zero-to-one over the span of a year**, primarily using TypeScript, Node, ExpressJS, ReactJS, NextJS, AWS and Docker.

Co-Founder, [42Peaks Inc.](#)

Sep 2023 - Dec 2023

- **Designed and implemented a specialized Hospital Management System** for IVF facilities and Fertility Clinics with my co-founder.

- Successfully established the legal entity in Delaware and streamlined the hiring process, resulting in the timely onboarding of the first external team member.
- Landed our first consulting client to assist in revenue generation during RnD of HMS.
- Tech Stack - ReactJS, TypeScript, Go, Fiber, AWS.

Full Stack Software Engineer, [WisdomCircle](#)

Jul 2023 - Sep 2023

- Owned multiple pieces across the stack including Verified Badges with payment integration, **refining search for end-users** including optimizing database indexes in PostgreSQL and more.
- Brainstormed and began implementing an AI-based automated approach for B2B sales cold outreach.

Software Engineering Intern, [BharatX](#) (YC W '22)

Jul 2022 - Sep 2022

- **Redesigned and implemented the Credit Fraud Prevention System used by all lending APIs.**
- Implemented probabilistic fuzzy string matching to gain performance over brute-force exact string matching. **Sped up the bottleneck process over 100x.**
- Tech Stack - Python, NumPy, TensorFlow, AWS.

Software Engineering Intern, [Questbook](#) (YC W '21)

May 2021 - Apr 2022

- **Architected and implemented a [decentralized Web3 application](#)** that allows Decentralized Autonomous Organizations (DAOs) to manage the complete grant lifecycle.
- Designed and built a complete web application to allow thousands of users to learn content in both text and video formats. Front end in React.js and Back end in Golang.

Open Source Developer and Mentor, Wikimedia Foundation

Feb 2020 - Aug 2021

- As a [Google Summer of Code Intern](#), delivered [5 complete model pipelines](#) which classified articles on the basis of quality during the course of the program which altogether are responsible for processing **2,000,000+ articles in various languages.**
- Mentored 2 projects for the Machine Learning Team at the Wikimedia Foundation under Outreachy Winter 2020 and Google Summer of Code 2021.
- Tech Stack - Python, Django, Shell Scripting, On-prem servers.

PROJECTS

[Blues](#)

- **Single-threaded Redis subset written with asyncio in Python3.** Supports RESP2, strings, lists, streams, blocking queries, transactions, optimistic locking and replication.

[Load Balancer](#)

- **Lightweight implementation of a software load balancer in Go using only the standard libraries.** Includes round-robin, weighted round-robin and other load-balancing algorithms.

EDUCATION

B. Tech in Computer Science and Engineering, [Amity University, Dubai](#)

Sep 2019 - Jun 2023

- Admitted on a **100% merit scholarship** and graduated securing [First Division](#).
- Represented my university at the **ACM ICPC West Asia Regionals**.
- Was a member of the athletics team, music club and founding **team captain of the chess team**.