Anil Gulati

Full Stack Software Engineer | Finance & Enterprise Applications | REST APIs
Paris, France | +33 7 59 36 86 25 | hi@anilgulati.com | anilgulati.com | LinkedIn | GitHub

PROFILE

Full stack engineer with 3 years of experience building enterprise and operational software, currently at Capital Fund Management in Paris working on internal tools with Angular and FastAPI. Previously shipped Spring Boot systems used across dealerships at Yamaha. Finishing my Master's in Big Data & AI at CY Tech. Interested in financial software: trading tools, backtesting and loan platforms. **Looking for a full-time software engineer role starting February 2027.**

TECHNICAL SKILLS

Languages	Java, TypeScript, Python, SQL, JavaScript
Backend	Spring Boot, FastAPI, Node.js, REST APIs, OpenAPI, Microservices
Frontend	Angular, React, Next.js, HTML5, CSS
Databases	PostgreSQL, MySQL, MongoDB
Cloud & DevOps	AWS, Docker, GitHub Actions, CI/CD, Linux
Testing & Tooling	Automated Testing, Code Reviews, Git
Finance Domain	Trading and backtesting tools, accounting workflows
Spoken Languages	English (C1), French (A2 – Actively Improving), Hindi (Native)
Certifications	Oracle Certified Associate (Java SE), AWS Certified Cloud Practitioner

WORK EXPERIENCE

FULL STACK ENGINEER INTERN | **Capital Fund Management (CFM), Paris** **09/2026 – Present**

- Built a negotiation-tracking module that centralizes rate proposals and counter-proposals and generates the related emails, replacing a manual spreadsheet process.
- Wrote database-side logic to manage the lifecycle of time-dependent configurations, reconciling neighbouring records so historical and future views of the data stay consistent.
- Migrated a legacy back-office screen to a single-page application using Angular and FastAPI.

FULL STACK & AI ENGINEER | **LEAF CRAFT, India** **11/2024 – 07/2025**

- Built user-facing interfaces and **dashboards for UnitsDB**, an internal **platform used by business stakeholders** to manage **AI Assisted** application generation, deployment workflows, and operational configurations.
- Developed backend services in Python and Node.js, integrated with frontend interfaces for real-time data display.
- Built and maintained frontend components for **Mivi AI Buds**, focused on usability and real-time interaction feedback.

ASSOCIATE SOFTWARE ENGINEER | **YAMAHA MOTOR SOLUTIONS, India** **01/2024 – 11/2024**

- Developed enterprise applications and Spring Boot microservices for **Yamaha Dealer Management System (YDMS)**, used across **5,000+ dealerships**.
- Built the Auto Purchase Order system, automating procurement decisions using inventory data and sales trends.
- Contributed to **Yamaha HRMS**, collaborating with engineering teams in **India, Japan, and China** on cross-functional enterprise applications.

SOFTWARE DEVELOPMENT ENGINEER | **ONELAB VENTURES, India (Remote)** **08/2022 – 12/2023**

- Built dashboards and interfaces with **Angular and Spring Boot for KSCADA**, an industrial monitoring platform processing real-time operational data.
- Designed monitoring and reporting screens used by industrial operations teams for day-to-day decisions.
- Built the REST APIs and data pipelines behind the dashboards and reports.

PROJECTS

MCP Data Visualizer

- Built an AI-powered analytics platform enabling users to query structured datasets using natural language and generate dashboards, reports, and visual insights.

Replay: Market Data Backtesting Engine

- Built a deterministic backtesting engine in Java 21 and Spring Boot with TimescaleDB, with a lookahead-proof strategy interface and slippage and commission modeling. Covered by unit tests, including a lookahead-bias test.

Loan Aggregation & Financial Services Platform

- Built a customer-facing interface for loan discovery and financial-product comparison, integrated with backend APIs across multiple providers.

EDUCATION

Master's in Big Data & AI (M2 - ADEO) **2025 – 2026**
CY Tech – CY Cergy Paris Université, Cergy, France
Coursework: Machine Learning, NLP, Data Engineering, Data Mining, Cloud Infrastructure, Business Intelligence

B.Tech in Computer Science Engineering **2020 – 2024**
DIT University, Dehradun, India **CGPA: 8.7/10**