SARANG KULKARNI

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PROFESSIONAL SUMMARY

Software Developer with 3 years of experience designing and building scalable backend systems, RESTful APIs, and real-time applications. Proficient in Python, Django, Node.js, TypeScript, Express.js, and PostgreSQL with hands-on expertise in third-party API integrations, WebSocket implementations, microservices architecture, and cloud deployments on AWS. Strong background in fintech and SaaS product development.

PROFESSIONAL EXPERIENCE

Oleander Financial Technologies | *Software Engineer | Pune, Maharashtra* June 2025 – Present

- **Project: Protrade Multi-Account System** – Developed core backend services for a multi-account portfolio management platform using Python, Django, and WebSocket technologies, enabling synchronized trade execution across 10+ broker integrations.
- Engineered broker API integrations (Zerodha, Angel One, Groww, Upstox, IIFL, Kotak) for real-time order execution, position synchronization, and market data streaming with sub-second latency.
- Built a unified portfolio dashboard using HTMX and JavaScript for real-time monitoring of positions, holdings, and P&L across multiple trading accounts with live WebSocket updates.
- Implemented bulk order workflows and position reconciliation logic to reduce data drift and ensure accurate portfolio state across broker accounts.
- **Project: OLGO Financial Platform** – Developed backend APIs for a financial goal tracking platform using Python, Django, and NATS messaging for event-driven data processing.
- Integrated Finvuu Account Aggregator API connecting to 80+ banks and investment platforms, enabling secure aggregation of financial data for user account analysis.
- Implemented 2Factor SMS OTP authentication service and designed RESTful API contracts for mobile team integration (Flutter Android/iOS).
- Currently building Smallcase API integration for direct mutual fund and stock basket investments within the platform.
- **Team Scaling:** Conducted technical interviews for 15+ candidates (2–5 years experience) to support rapid engineering team expansion.

Coditas LLP | *Associate Software Engineer | Pune, Maharashtra* July 2022 – December 2023

- Developed 30+ backend API endpoints using Node.js, Express.js, and TypeScript, reducing average response time by 40% through optimized database queries.
- Designed and implemented optimized PostgreSQL schemas handling 1000+ records, improving query performance by 35% through strategic indexing.
- Built Candidate Connect using WhatsApp Business API, automating communication with 100+ candidates monthly through microservices architecture.
- Orchestrated integration of 3 third-party APIs (Zoho Recruit, Zoho People), automating HR workflows and cutting manual data entry by 20%, impacting 15+ TA users.
- Established comprehensive testing strategies for Mitsu platform, achieving 85% test coverage across 50+ test cases, minimizing security vulnerabilities.

SKILLS

Languages: Python, JavaScript, TypeScript, SQL

Frameworks: Django, Express.js, Node.js

Databases & Tools: PostgreSQL, MongoDB, Redis, Git

Cloud & Methodologies: AWS (EC2, S3, RDS), RESTful APIs, WebSocket, Microservices, Agile/Scrum, TDD

EDUCATION

AISSMS Institute of Information Technology, Pune July 2017 – July 2022