

# 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 Developer | Pune, Maharashtra** June 2025 – Present

- Engineered Protradedesk, a copy trading platform using Python, Django, and WebSocket; enabled simultaneous trade execution across multiple brokerage accounts while adhering to strict regulatory compliance, reducing manual reconciliation errors by 20%.
- Integrated 10+ third-party broker APIs (Zerodha, Angel One, Groww, Upstox, and many more) achieving sub-second order execution latency and processing 3000+ trades daily with 99.9% uptime.
- Built a unified portfolio dashboard using HTMX and JavaScript, enabling users to monitor positions, holdings, and P&L across multiple trading accounts in real-time.
- Developed Olgo, a financial goal tracking platform serving 100+ beta users, using Python, Django, and NATS messaging to analyze spending patterns across 10+ financial categories.
- Integrated Finvuu Account Aggregator API connecting to 80+ banks and 4 investment platforms, securely fetching financial data for 100+ user accounts.
- Implemented 2Factor SMS OTP authentication handling 1000+ verification requests monthly; currently building Smallcase API integration for direct stock investments.
- Collaborated with mobile team to build 50+ RESTful API endpoints powering Flutter Android and iOS applications with 95% API response success rate.

**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**

*B.E. Electronics and Telecommunications*

July 2017 – July 2022

CGPA: 8.01