

Nikhil Gada

Software Engineer

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SKILLS

Python • JavaScript • TypeScript • .NET • PostgreSQL • Redis • React • Angular • Vue • WebSocket
Django • Node • Kafka • Docker • AWS • Grafana • Logstash • Filebeat • ClickHouse • SQS

EXPERIENCE

Software Engineer • Oneture Technologies

Aug 2022 - Present

Client: ICICI Securities, CMS Info Systems, Bombay Stock Exchange

- **3-time Star Performer** recognized for optimizing processes and delivering high-impact projects under tight deadlines
- Delivered a **stock brokerage platform enhancement** for a **leading firm**, coordinating **cross-functional teams**, streamlining workflows, and meeting all project milestones as **Project Lead** managing a **team of 6 members**
- Created a **monitoring tool** that tracks runtime packets from end-to-end, utilizing **Grafana, Logstash, ClickHouse**, and **Filebeat** to monitor **packet latency**, downtime, and even driven alerts through **AWS SQS**
- Developed a **streaming application** in **.NET 6** to stream **global index data** from exchange to downstream, Increased packet streaming capacity from **40k to 85k packets per second**, improving system **performance** and **reliability**
- Developed a scalable **onboarding system** for **India's 2nd largest private bank**, enabling **3k monthly NRI users** to signup and expanding platform features, significantly improving user engagement and onboarding **efficiency by 3X**
- Engineered **Video KYC** integration with **JavaScript** solution, **reducing onboarding time by 30%** and **cutting client costs by 45%**
- Enhanced **ATM security system** availability by **15%** by upgrading a **Vue.js** application to enable uninterrupted 24/7 security streaming
- Integrated **trading strategies**, improved **test coverage from 64% to 95%**, and optimized the **Python SDK** for stock broking applications, increasing **monthly active users from 1k to 4.5k** and **overall active users from 19k to 46k**
- Utilized **WebSockets** and **async programming** to enhance system responsiveness and scalability in high-concurrency environments

System Engineer • Tata Consultancy Services

June 2021 - Aug 2022

- Improved application security by implementing a **new feature** to protect against a severe vulnerability in **One Time Password** functionality, **enhancing data protection** and **user trust**
- Delivered dynamic web pages by coding action classes in the **Struts framework**, utilizing **Java, JSP, JavaScript, CSS**, and **HTML** to meet client requirements
- Provided ongoing support to **database** and **application users**, ensuring **uninterrupted decision-making processes** and resolving issues efficiently
- Facilitated project delivery by collaborating with business teams to plan requirements, set timelines, and execute development tasks, ensuring **on-time delivery** and **meeting client expectations**
- Selected as **Lead** during Initial Learning Program (ILP) to perform and oversee design tasks, **demonstrating leadership** and technical expertise

EDUCATION

Bachelor of Engineering • Computer Engineering • University of Mumbai

June 2017 - May 2021

ACHIEVEMENTS

AWS • Certified Cloud Practitioner • Foundation Certification

Apr 2024

TCS • Codevita Rank – Top 15% • Coding Competition

May 2021

IBM Hackathon • Participated • India's Largest Software Engineering Hackathon

June 2020

IIT Bombay • Gold Medalist • Python Programming • Competitive Exam

Feb 2020