

Nikhil Gada

Software Engineer

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SKILLS

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

EXPERIENCE

Software Engineer • Oneture Technologies

Aug 2022 - Present

- 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 stock brokerage firm, coordinating cross-functional teams and streamlining workflows, meeting all project milestones as a Project Lead.
- Created a monitoring tool that tracks runtime packets from end-to-end, utilizing Grafana, Logstash, ClickHouse, and Filebeat to monitor packet latency, downtime, and ensure comprehensive logging.
- Designed and developed a global index streamer from scratch using .NET 6, which increased packet streaming capacity from 40k to 85k packets per second, improving system performance and reliability.
- Developed a scalable Angular-based onboarding system for the leading private bank in India, enabling 5,000 monthly sign-ups and expanding features of the platform, significantly improving user engagement and onboarding efficiency
- Streamlined Video KYC integration with a versatile JavaScript solution, reducing onboarding time by 30% and cutting client costs by 45%
- Developed an SDK in .NET within one month for real-time subscription of market data, significantly improving data access and processing efficiency
- Enhanced the performance of an existing SDK by writing clean code, optimizing it, integrating advanced strategies and APIs, and making it flexible for users to integrate any real-time strategies, which increased download stats for this SDK by 70%
- Enhanced ATM security system availability by 15% by upgrading a Vue.js application to enable uninterrupted 24/7 security streaming
- Converted Python 2 codebase of 26,500 lines to Python 3 while improving test coverage from about 64% to 95%

Software 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