

Nikhil Gogate

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EXPERIENCE

Senior Software Engineer

April 2020 – Present

Google

Dublin, Ireland

- Directed roadmap and redesigned Google's Configuration CI/CD UX. Platform is used by tens of thousands of Google engineers, yielding a 12–20% increase in user satisfaction across various CUJs
- Led design and development of configuration deployment for Google Sovereign Cloud. Involved making GCP work in isolated, constrained environment with little observability
- Developed a data synchronisation platform integrating planning tools like JIRA, OKR systems, and Buganizer to streamline planning workflows and reduce coordination friction, saving 2.2 SWE Years
- Across the years mentored and led multiple junior engineers, interns. Helped other engineers land critical projects
- Built AI Agents and skills priming it with context and retrieval based augmentation to generate synthetic data generation pipelines, automated repetitive developer workflow

D.E. Shaw and Co.

July. 2019 – April 2020

Hyderabad

India

- Developer for D.E. Shaw's internal workload automation and job scheduling system
- Steered implementation of user-facing CLI, job dependency management

Software Engineering Intern

May 2018 – July 2018

Adobe

India

- Developed an Auto-Scaler for distributed AWS infrastructure within the Adobe I/O serverless framework team
- Including API development in Python and proposing a novel heuristic for auto-scaling

EDUCATION

International Institute of Information Technology

Hyderabad India

Bachelors in Computer Science

2015 – 2019

- 4 years in Dean's list of academic excellence. Receiving top grades on courses across Algorithms, Machine Learning and Computer Vision
- Teaching Assistant for Algorithms and Machine Learning Courses. Helped setup assignments and help junior students implement seminal AI research papers of the time

RECOGNITIONS

Google Peer, Spot and Readability Awards | *Technical Excellence, Leadership*

June 2020 – Present

- Received 46+ internal recognition awards for consistently delivering technical excellence, leading cross-functional initiatives, and unblocking engineering teams across critical projects.
- Received readability for Go, Java and Typescript. Mentored 100+ of Googlers to write readable Go code

US Patent: Clustering based Data Visualization | *Patent No: US11580140B2*

July 2021

- Invented a data visualization methodology using clustering mechanisms to map and display complex data relationships efficiently.

ACM-ICPC India Finals | *Competitive Programming*

December 2017

- Achieved an overall Rank of 99th in the prestigious International Collegiate Programming Contest (ICPC) India Regional Finals.

TECHNICAL SKILLS

Concepts: System Design, AI Agents, Distributed Systems, CI/CD, AI Integration, API Development

Languages: Java, Python, C/C++, Golang, Typescript