

Rohan Hasabe

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 github |  linkedin

Education

Northeastern University

Boston, MA, USA

Master of Science - Computer Science

August 2024 - May 2026

Pune University

Pune, MH, India

Bachelor of Engineering - Information Technology

August 2019 - May 2023

Experience

Northeastern University

Jan 2025 - Ongoing

Teaching Assistant

Boston, MA, USA

- Supervised and evaluated 70+ students across all Northeastern University campuses for the 'CS 5520: Mobile App Development' course, conducting office hours and providing comprehensive guidance on Android platform projects, labs, and assignments focused on mobile application design and development principles.

Esper.io

March 2024 - August 2024

Software Engineer 2

Bengaluru, India

- Achieved promotion to Software Engineer 2 within 9 months, demonstrating exceptional skill growth and impact.
- Designed and implemented the Foundry OTA system, enabling 12+ partners to scale high-value Android Device Updates effortlessly.
- Architected microservices-based scaling solution enabling Foundry's expansion to support 80,000+ devices, implementing horizontal scalability patterns using Go and PostgreSQL.
- Collaborated with the product team to integrate customer feedback, helping drive up the adoption rate of Foundry by 25%.
- Maintained and developed features for Esper's core cloud service (Scapi) using Django framework, improving functionality and user experience.
- Partnered with Intel on Project Celadon, driving xTS Certification for Android 13 on HP POS devices, ensuring compliance and optimal performance.

Esper.io

July 2023 - March 2024

Software Engineer 1

Bengaluru, India

- Part of the Android Frameworks team implementing core features of the Foundation OS ecosystem.
- Enhanced the integration capabilities of Foundation OS by introducing [Foundation SDK](#), allowing for customization; the framework is utilized by over 12+ partner companies, expanding the ecosystem's reach and influence.
- Led migration from Jenkins to BuildKite pipelines, implementing zero-downtime deployment strategies and automated rollback mechanisms, resulting in improved system reliability and deployment efficiency.
- Performed Google xTS certification for Android 11 builds, ensuring full compliance with Google's GMS certification standards and maintaining product integrity.

Esper.io

December 2021 - June 2023

Software Engineering Intern

Bengaluru, India

- Played a key role in the Foundation Frameworks Team, contributing to core Foundation OS development and enhancing system functionality.
- Collaborated with another intern Overhauled - upgrading and maintaining two Foundation platform variants to Android 12, ensuring cutting-edge features and security updates for users.
- Recognized with the Customer Obsession Award in Q1-2022, demonstrating exceptional commitment to user needs and service quality.

Skills

Programming Languages Go (programming language) | Python | Java | C

Cloud & Infrastructure Docker | Kubernetes | CI/CD (BuildKite)

Tools Git | GitHub Actions | Terraform

Leadership & Hackathons

Management Lead - Google Developers Student Club

November 2021 - August 2022

- Led the management team and event coordination for the GDSC at DYPCOE.

Google Hashcode Extended Round

- Secured 15th place in India during the 2021 Edition of Google Hash Code Extended Round, demonstrating strong algorithmic skills and teamwork in a competitive coding environment.