

ROHAN HASABE

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EDUCATION

Northeastern University, Boston, MA

Master of Science; Computer Science

September 2024 - May 2026

Pune University, Pune, India

Bachelor of Engineering; Information Technology

August 2019 - May 2023

PROFESSIONAL EXPERIENCE

Northeastern University, Boston, MA

Teaching Assistant

January 2025 – Present

- 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, Bengaluru, India

Software Development Engineer 2

December 2021 – July 2024

- **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.

Software Development Engineer 1

- **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.

Software Engineering Intern

- **Played a key role in the Foundation Frameworks Team**, contributing to core Foundation OS development and enhancing system functionality.
- Collaborated with another intern to overhaul - **upgrading and maintaining two Foundation platform variants to Android 12**, ensuring cutting-edge features and security updates for users.

SKILLS & OTHER

Programming Languages and Frameworks: Golang, Python, Java, C, Django Rest Framework, PostgreSQL

Cloud & Infrastructure: Docker, Kubernetes, CI/CD (BuildKite)

Tools: Git, GitHub Actions, Terraform