

EDUCATION

- **Indian Institute of Technology (BHU) Varanasi** Varanasi, India
Bachelor and Masters in Engineering Physics (B.tech + M.tech) *July 2015 – June 2020*

EXPERIENCE

- **Software Engineer** Amsterdam, Netherlands
Just Eat Takeaway.com *Feb 2025 - Present*
 - Own and deliver end-to-end engineering projects for internal marketing technology platforms enabling CRM teams to execute large-scale customer communication campaigns.
 - Built internal tooling enabling CRM managers to create push, email, and multi-channel marketing campaigns 40% faster from a unified platform.
 - Develop backend services and event-driven workflows using **Golang** and **Benthos** to process and orchestrate high-volume marketing data pipelines.
 - Maintain and scale production infrastructure on **Kubernetes**, managing deployments with **Docker** and **Helm**, improving system reliability and operational efficiency.
 - **Technologies used:** Golang, Benthos, Kubernetes, Docker, Helm, AWS, BigQuery, Salesforce Data Cloud
- **Software Engineer — Backend & Product Engineering** Amsterdam, Netherlands
Source.ag B.V. *May 2023 - December 2024*
 - Contributed to the development and commercial launch of **Cultivate**, a product that delivers data-driven yield predictions and cultivation strategies for greenhouse growers.
 - Led development on critical components, collaborated with cross-functional teams, and owned key product features. Involved in the product lifecycle from concept to commercial deployment.
 - Engineered API layer and tooling from scratch, collaboratively enhancing system robustness/efficiency.
 - Improved developer onboarding and team productivity by organizing knowledge-sharing sessions and documenting internal systems and workflows.
 - Implemented minor frontend features and resolved bugs to improve user experience.
 - **Technologies used:** Golang, PostgreSQL, GraphQL, MongoDB, Docker, AWS, Terraform, Python, gRPC
- **Software Engineer — iOS** Amsterdam, Netherlands
Peaks B.V. *May 2022 - April 2023*
 - Added new features to Peaks app (App store link) as well as improved the existing codebase.
 - Contributed to the mobile app's re-branding as part of a major company repositioning.
 - Restructured a monolithic codebase into smaller feature modules and components, facilitating a more efficient development process that decreased build times by 25%.
 - Contributed to implementing a new CI/CD pipeline for a mobile app project, resulting in reduced 40% build times and increased deployment frequency by 30%.
- **Full Stack Software Engineer — Mobile & Backend** Remote
Fynch Mobility B.V. *July 2021 - April 2022*
 - **Fynch iOS:** Developed and maintained iOS app (App store link) single-handedly.
 - **Backend:** Developed Golang-based microservices backend, which communicates to mobile clients.

● **Software Engineer — Backend**

Bangalore, India

ZestMoney

Aug 2020 - July 2021

- Developed Golang microservices for onboarding and loan workflows serving millions of users.
- Built APIs integrating lenders and merchants to orchestrate customer journeys.
- Used **PostgreSQL** and **MongoDB** for transactional data across distributed services.
- Collaborated with product and engineering teams to ship features rapidly.

● **iOS Intern**

Gurugram, Delhi NCR, India

Zomato

16 Dec 2019 - 15 June 2020

- **Zomato iOS:** Developed a Localization engine to automate the localization process in the project. Worked on different pods of the project, fixed deep-rooted bugs, and worked on performance improvement of project modules. Contributed in app migrations (Entire App UI and Structure Revamp).

● **Google Summer of Code (2018) Student Developer**

Remote

FOSSASIA

14 May - 06 Aug, 2018

- **SUSI.AI iOS:** SUSI AI is personal chat assistant. Implemented interactive features to the app such as 5-Star rating system, Feedback system, On-boarding screens, New actions support as well as Audio and Video capability. Collaborated with developers, reviewed co-developers code and fixed major issues of the app to ensure the app's functionality. (**Project Report**)
- **Smart Speaker:** Established connection between SUSI iOS and SUSI Smart Speaker without internet.
- Experimented with CI/CD tools such as Jenkins, Travis CI, and CircleCI and used them for the project.

TECHNICAL SKILLS

Languages: Golang, Swift, Python, C++, Objective-C, JavaScript (basic)

Backend & APIs: REST APIs, GraphQL, gRPC, Microservices, Event-driven systems

Data & Messaging: PostgreSQL, MySQL, MongoDB, BigQuery, NATS, Benthos

Infrastructure: Kubernetes, Docker, Helm, AWS, Terraform

Tools: GitHub Actions, Testcontainers, CI/CD, Xcode

MENTORSHIP/VOLUNTEERING

- **GitHub Campus Expert:** As a campus expert, helped local tech communities with mentorship, organizing hackathons, and workshops with support from GitHub.
- **Google Summer of Code 2019:** Mentored Google Summer of Code (2019) students for FOSSASIA.
- **Google Code-In 2018:** As a Mentor, engaged with 800+ tasks on Google Code-In dashboard and reviewed 150+ pull requests on GitHub for FOSSASIA. I was the most active mentor for FOSSASIA.

CONFERENCE/SUMMIT/MEETUPS TALKS

- Spoke at **DevConf.IN 2019** by **Red Hat** about **The Legal Side of Open Source** in Bengaluru
- Spoke at **FOSSASIA Open Tech Summit 2019** about **SUSI.AI for Mobile Clients** in Singapore
- Spoke at **Jugaadfest India 2018** about **SUSI.AI Mobile on Android and iOS** in Hyderabad