

# Soumesh Banerjee

Software Engineer

Oslo, Norway • soumeshbanerjee@live.com • Open to Relocate • 3 Months Notice

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## EXPERIENCE

### Norsk Rikstoto — Oslo, Norway

May 2024 – Present

Senior Software Engineer

[.Net / C#](#) [Kubernetes](#) [Elasticsearch](#) [Grafana](#) [Azure Service Bus](#) [NServiceBus](#) [OpenTelemetry](#) [Keycloak](#)

- Modernized legacy systems and start using various open standards.
- Worked on migrating services from on-prem to Azure Kubernetes Service (AKS).
- Developed and maintained various microservices and cloud-native applications.

### Coop Norge SA — Oslo, Norway

Oct 2022 – May 2024

Staff Software Engineer

[Golang](#) [Kubernetes](#) [Datadog](#) [Cloud Functions](#) [PubSub](#) [Ecom](#)

- Developed a parcel tracking service for online order delivery fulfilment across various parcel locker vendors nationwide.
- Develop and maintain various Ecom components — prices, offers, and campaigns services — used by all Coop and Obs stores in Norway.

### Cognite AS — Oslo, Norway

Mar 2021 – Oct 2022

Software Engineer II

[GraphQL](#) [NodeJS](#) [React](#) [Kubernetes](#) [Terraform](#) [Prometheus](#) [Neo4j](#) [GCP](#)

- Developed and maintained a data platform, CLI tool, and CI/CD pipelines to build digital twins using industrial data from Utilities, Oil & Gas companies.
- Provided GraphQL and REST APIs to interact with industrial data and create models driving complex business decisions.

### Espressif Systems — Shanghai, China

May 2019 – Feb 2021

Software Engineer (T2)

[NodeJS](#) [Python](#) [VueJS](#) [Docker](#) [GoLang](#) [MongoDB](#) [AWS](#) [Electron](#)

- Designed and built the ESP-IDF VS Code Extension, improving developer experience and providing granular control for ESP SoCs.
- Designed and developed an SSR frontend for the IDF Component Registry — akin to npm/pip — for sharing open-source components for ESP32/S2 and IoT projects.
- Built the IDF Web IDE, which reduced installation effort by 92% using pre-built Docker containers, alongside a desktop companion app for hardware communications.
- Published tutorials on YouTube and actively participated in forums to grow the open-source developer community.

### Kony Inc. — Hyderabad, India

Aug 2016 – May 2019

Senior Software Development Engineer

Sept 2017 – May 2019

[NodeJS](#) [Python](#) [GoLang](#) [React](#) [Postgres](#) [Docker](#) [AWS](#) [Swift](#) [ObjC](#)

- Built a distributed node management and extension system for in-house automations, adopted by 7 teams, processing 50K+ distributed tasks and saving 56,000+ work hours.
- Developed a rich UI for generating UI tests in the Kony Test Framework, enabling BDD and covering 94% of APIs — eliminating manual coding.
- Designed a USB-to-TCP packet relay framework for iPhone enabling side-loading and real-time UIElement inspection; also served as the base for the IPA installer in Kony IDE.

Associate Engineer (Paid Internship)

Aug 2016 – Sept 2017

- Laid the foundation for an internal testing framework (iOS, Android, Web), used by 4 teams and 20+ developers, running 50K+ test schemes in CI and detecting 1,000+ regressions in the initial phase.

## SKILLS

[.Net / C#](#) [Kubernetes](#) [Elasticsearch](#) [Grafana](#) [Azure Service Bus](#) [NServiceBus](#) [OpenTelemetry](#) [Keycloak](#) [Golang](#)  
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[Python](#) [VueJS](#) [Docker](#) [MongoDB](#) [AWS](#) [Electron](#) [Postgres](#) [Swift](#) [ObjC](#)

## EDUCATION

### Bachelor of Technology — Computer Science & Engineering

2013 – 2017

Lovely Professional University (LPU), India