

ROBIN DANG

Software Engineer - M.Sc. Computer Science

M: (+31) 642 5772 93 ◦ robindang95@gmail.com ◦ [/in/robin-dang](https://in/robin-dang) ◦ robindang.me

EXPERIENCE

UBER

Software Engineer · (Go, Python, Java, TypeScript)

Oct 2024 - Present

Amsterdam, Netherlands

- Leading E2E architecture and implementation of a scalable load testing framework, standardizing custom setups into a unified PaaS for all Uber engineering teams, saving 38 dev-days/year, directly addressing +\$3.8M of historical incident root-causes
- Designed 0-to-1 data-race diagnostic system for Go/Java services, reducing diagnostic time from 4 days to 1.5 hours per service
- Standardized organization-wide build infrastructure for Go and Java monorepos, replacing +4h per dev setup per service
- Designed & implemented large-scale deletions of +140M inactive accounts for testing, addressing DB shard exhaustion and reducing system errors by 20%
- Improved org-wide testing platform stability by implementing cross-region failover-safe architecture, mitigating risks of global outages and reduced time-to-mitigate by 95% for failover related incidents

BOOKING.COM

Software Engineer · (Java, Spring Boot, TypeScript, Docker, Kubernetes, MySQL)

Sep 2022 - Sep 2024

Hybrid, Netherlands

- Led a team of 5 in a greenfield product with global scope as the tech lead
- Mapped business objectives and technical solutions, built team culture, mentored juniors, & managed stakeholders
- Designed full architecture incl. web app, backend, & infrastructure to manage 100 requests per second
- Implemented observability & SLI/SLA tracking, improving engineering oncall/incident management processes
- Project impact: improved ops efficiencies by 65% within LoB, leading to cost savings of 71% (+\$10M/y) YoY.

NASDAQ

Software Engineer (Student Worker) · (Java, Spring, C#, Go, Docker, Oracle, Postgres)

Jun 2020 - Sep 2022

Stockholm, Sweden

- Developed large-scale ETL data migration pipelines in capital markets, achieving 99% completeness rate from 50%
- Implemented automated E2E & unit tests achieving test coverage of 90% in codebase of 65M LoC
- Self-initiated & led the development of internal project to replace Excel, reduced the task time-to-complete by 47%

EDUCATION

M.Sc. Computer Science, KTH Royal Institute of Technology, Stockholm, Sweden

Aug 2020 - Jun 2022

[The Adoption of Distributed Ledger Technology within Central Securities Depositories](#)

B.Sc. Computer Science, KTH Royal Institute of Technology, Stockholm, Sweden

Aug 2017 - Jun 2020

[Evaluation of Machine Learning classifiers for Breast Cancer Classification](#)

Relevant Coursework: *Data Structures & Algorithms, Machine Learning, Artificial Intelligence*

Cumulative GPA: 3.52/4.0

TECHNICAL SKILLS

Languages

Python, TypeScript, Go, Java, Kotlin

Tools & Frameworks

Git, Docker, Kubernetes, React, Next.js, Spring, CI/CD, Grafana, OTel, LangChain

Databases

Postgres, MySQL, Oracle, Supabase, Convex, MongoDB, ElasticSearch

ENTREPRENEURIAL PROJECTS

Legora (YC W24) - Founding Software Engineer: Designed & developed the v0 AI RAG legal assistant enhancing the workflows for contract analysis & drafting for top Swedish law firms. Built using *Python, Next.js, LangChain, Azure*.

Restaurant Discovery App: Implemented a GPS-based restaurant discovery platform for Android, integrating user preferences with interactive mapping to enhance local culinary exploration experiences. Built using *Java, Kotlin*.