

Rheisen Dennis, Full-Stack & Backend Engineer

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Experience

Languages: Go, Java, Ruby, JavaScript / TypeScript, HTML, CSS / SCSS

Clouds / Frameworks / Technologies: AWS, DigitalOcean, Kubernetes, Terraform, Docker, Kafka, NATS, OpenTelemetry, Grafana, Postgres, MySQL, Git, Vim

BACKEND SOFTWARE ENGINEER, LUMIN – (JAN 2021 - PRESENT)

- Architected and implemented horizontally and vertically scalable data pipeline around Apache Kafka, currently handling over 2 billion requests per day (Go, Kafka, Postgres, GRPC, Protobuf)
- Developed a CLI & REST API for managing IoT device deployments and collecting device & device-fleet information (Go, Mender, MySQL)
- Architected and implemented highly observable and fault tolerant IoT software services (Go, NATS, SQLite)
- Developed internal libraries for eventing and distilling 3rd party device APIs to a common spec (Go)

SOFTWARE ENGINEER CO-OP & INTERN, WELLFRAME – 2019 (JAN-AUG) & 2020 (JUN-AUG)

- Production API & front-end features for the Wellframe Platform (Ruby on Rails, Java Spring, React, PostgreSQL)
- Worked directly with CMO and CTO to develop PoC chatbot, presented by leadership to Google and at health tech conferences (Dialog Flow, React, Firebase)

SOFTWARE ENGINEER CO-OP, LAUNCHBYTE – 2018 (JAN-JUN)

- Developed multiple web applications and API's for client startup companies (Ruby on Rails, React)
- Managed multiple projects with remote teams and developed best practice guidelines for RoR projects

SOFTWARE ENGINEER INTERN, CENTER FOR OPEN SCIENCE (COS) – 2017 (MAY-AUG)

- Improved and optimized API tests, reducing test suite run time by over 30% (Python, PyTest)
- Developed features for the Open Science Framework platform (Python, Django)

FOUNDER & SOFTWARE ENGINEER, SEAM – 2016-2017

- Youngest accepted applicants into the University of Virginia iLab Incubator Program + \$5,000 award
- Designed and developed an online social shopping platform (Sketch, Meteor, MongoDB)

Education

[AUG 2016 - DEC 2020] NORTHEASTERN UNIVERSITY

Graduated with Bachelor of Science in Computer Science and Entrepreneurship, Khoury College of Computer and Information Science

Honors: University Scholar (top 1% of admitted students), Honors Program

Courses: Accelerated Fundamentals of Computer Science 1 & 2 (Racket / Java), Object Oriented Design (Java), Algorithms and Data, Database Design (MySQL), Computer Systems (C), Computer Networks (Rust)

Activities: IDEA venture founder, Scout Developer, Object Oriented Design TA, Intramural Soccer

[REFERENCES AVAILABLE UPON REQUEST]