Rheisen Dennis, Full-Stack & Backend Engineer

1750 Allied Street Charlottesville VA, 22903
804.499.0413 | rheisen.dennis@protonmail.com
rheisen.me | github.com/rheisen | gitlab.com/rheisen | linkedin.com/in/rheisen-dennis

Experience

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

Frameworks / Technologies: Ruby on Rails, Java Spring, React, Git, Vim, MySQL, PostgreSQL, Kafka

BACKEND SOFTWARE ENGINEER, LUMIN – 2021-PRESENT
- Architected and developed horizontally and vertically scalable data pipeline for ingesting real-time power-readings sent from IoT devices into Kafka, and from Kafka to time-series databases & internal micro services (Go, Kafka, MySQL, GRPC, Protobuf)
- Production API features + improvements, database model and migration improvements, and utility services for improved testing (Go, MySQL)
- Developed a command-line app & API for managing IoT device deployments and collecting device & device-fleet information (Go, Mender, MySQL)

SOFTWARE ENGINEER CO-OP & INTERN, WELLFRAME – 2019 & 2020
- 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
- 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
- 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

[2016-2020] 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]