

Jacob Cohen

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EDUCATION

University of Cincinnati, Cincinnati, Ohio

2027

Bachelor of Science, Computer Science

Relevant course work: Engineering Design Thinking I & II

PROFESSIONAL EXPERIENCE

GE Vernova, Columbus, Ohio (formerly Tarigma Corporation)

May 2021 - Present

Senior Software Engineer

- Implemented software solutions using various technologies such as Rust, C++, C#, Java, Python, React, HTML/JS/TS/CSS, Spring, databases, caches, and message queues.
- Applied knowledge of power grid technologies and COMTRADE data analysis.
- Interfaced with protection relays and devices from various manufacturers.
- Managed and mentored a team of software engineers with efficient communication to deliver solutions to clients on time and within budget.

Skycade Ltd, Amsterdam, NL

February 2018 – July 2020

Software Engineer

- Designed and deployed large, scalable video game infrastructures that support millions of active users.
- Leveraged technologies such as Java, SQL/RDS, MongoDB/DocumentDB, message brokers, and caches to provide high-quality performance at scale.
- Utilized Agile and Scrum methodologies to produce organized projects.

SKILLS

Databases: MySQL, RDS, MongoDB, Microsoft SQL Server (MSSQL), PostgreSQL, Redis, Cassandra, DynamoDB, DocumentDB

Methodologies: Agile, Scrum

Programming Languages: Java, Python, Rust, C++, C#, Dart, Kotlin

Frameworks & Libraries: React, Vue, Spring Framework, JSP

Web Technologies: HTML/JS/TS/CSS