

Kim Phillip

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 kimmykong.github.io

 Madison, WI

Experience

Fetch, Madison, WI

2022–Present

Senior Backend Engineer

- Tech lead for real-time B2B ad budgeting automation project to reduce manual processes & boost efficiency
- Led migration of a monolithic EB Kotlin service to an ECS-based Go microservice, decoupling functionality based on API access patterns, improving scalability, performance, and maintainability
- Acted as key stakeholder for my team in a cross-functional backend project, collaborating with multiple teams to drive business changes that doubled year-over-year revenue opportunities for the sales team
- Architected scalable event-driven systems using AWS Lambda, EventBridge, and Kafka
- Investigated and resolved production issues as part of incident response and regular workstreams
- Served as lead engineer for the backend intern pipeline, overseeing and refining the technical interview process from take-home assessments to onsite panel evaluations

Epic, Verona, WI

2018–2021

Software Developer

- Designed and developed inclusive software to help obstetrics & gynecology clinicians care for patients
- Lead, scoped, and released projects to migrate codebase from VB to C# and TypeScript
- Gathered feedback from stakeholders to create optimal and timely bug fixes across client & database code
- Collaborated with other teams to promote code reuse for better maintainability
- Provided input as a subject matter expert on customer calls and onsite shadowing visits

Credit Suisse, New York, NY

Summer 2017

Application Developer Intern

- Researched and developed predictive single-stock trading Transaction Cost Analysis models using Python
- Developed and integrated a best-execution reporting tool into existing C# framework for new regulations

Digital Measures, Milwaukee, WI

Summer 2016

Automation Intern

- Implemented Cucumber tests in Java for automated test suite to run against new builds before deployment

Education

New York University Tandon School of Engineering, New York, NY

May 2018

Bachelor of Science in Computer Engineering

GPA: 3.75/4.0, magna cum laude

Coursework: databases, embedded systems, machine learning, computers & social change, computer ethics

Skills

Programming: Go, Kotlin/Java, Python, SQL, C#, TypeScript, HTML/CSS, M, C++, VHDL (in order of skill)

Design: Inkscape, TinkerCAD, Publisher, Tableau, PSpice, Xilinx ISE, GIMP, AutoCAD

Technical Projects

Google Maps Editorial Analysis– Independent Senior Design Project

Spring 2018

Python and Tableau project analyzing unconscious bias trends in editorials across zip codes

- Generated a set of Google Maps restaurant data using APIs and web scraping over a map of Brooklyn
- Processed, analyzed, and visualized data; presented findings and live demo to advisor and committee

Awards, Honors, and Affiliations

- NYSC: 2014 delegate, 3 years staph, alumni president
- NCWIT: 2014 Award recipient, reviewer since 2016