ARMAN KHONDKER

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Education

University of Texas at Austin

Aug 2016 - May 2020

Bachelor of Science in Electrical and Computer Engineering

GPA: 3.78

• Courses: OOP in C++, Algorithms, Operating Systems, Data Structures, Concurrent and Distributed Systems

Skills

Languages: Java, Go, Python, C/C++, JavaScript, TypeScript, HTML/CSS

Technologies: AWS, Spring, React.js, MySQL, PostgreSQL, Bash, Git, CI/CD, Docker

Work Experience

Capital One

Chicago, IL

Software Engineer - Card Acquisitions & Fulfillment Team

Aug 2021 - Present

- Implemented three microservices bridging customer APIs on AWS Lambda and deployed to production
- Lead team rearchitecture initiative in AWS for infrastructure with high-availability and fault-tolerance
- Built critical CI/CD pipelines for rearchitecture using Lambda, Step Functions, Elasticache, and Aurora
- Leveraged knowledge in: Java, Golang, AWS, Spring, Kafka, Lambda, AuroraDB, Jenkins, and Docker

Capital One

Dallas, TX

Software Engineer - Platform of the Future Ledger Team

Aug 2020 - July 2021

- Built and deployed multiple stream and batch microservices communicating via RESTful APIs with Java
- Decreased 90% of payment mismatches on customer accounts by contributing to RESTful payments API
- Saved 15 dev-hours per week by implemented alerting, logging, and monitoring for all team components
- Leveraged knowledge in: Java, AWS, Spring, Maven, Kafka, DynamoDB, Jenkins, and Docker

PROS

Houston, TX

Software Engineering Intern - Group Sales Optimization Team

Jun 2019 - Aug 2019

- Built an Exchange Rate API that increased data precision of exchange rates by five decimal places
- Resulted in reduced customer pricing inaccuracies by 85% and saved 40 dev-hours per month
- Leveraged knowledge in: Java, Spring, Groovy, MySQL, REST, Docker, and Agile

PROS

Houston, TX

Software Engineering Intern - Scientific Analytics Team

Jun 2018 - Aug 2018

- Implemented business-critical Filter Bar component into UI library used by PROS homepage
- Won 1st Place at PROS Hackathon by building a B2B pricing estimator and YouTube sentiment analyzer
- Leveraged knowledge in: JavaScript, Python, React. js, Redux, Node. js, and Agile

Personal Projects

Matching Algorithm	Built a matching algorithm platform and NLP resume analyzer for UT students/alumni $$
YouTube Predictor	Built a pricing estimator and YouTube analyzer, won 1st Place at PROS Hackathon
Betting Visualizer	Built a web app to view popular NBA/NFL/MLB betting lines, trends, and prediction
Soccer Analyzer	Built an FPL team analyzer for /r/FantasyPL managers to optimize team selections