

# 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, Compilers, Data Structures, Operating Systems

## Skills

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

Technologies: AWS, Spring Boot, Kafka, React.js, PostgreSQL, MySQL, Bash, Docker

## Work Experience

### Capital One

Chicago, IL

Software Engineer

Aug 2021 – Present

- Designed and implemented multiple applications in the Account Setup Division to help onboard and setup accounts for over 300k+ credit card customers using Java, Golang, Lambda, and AuroraDB
- Led 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 Boot, Kafka, Lambda, AuroraDB, Jenkins, and Docker*

### Capital One

Dallas, TX

Software Engineer

Aug 2020 – July 2021

- Led the design and development of multiple enterprise-level microservice applications in COAF driving \$4.28 billion of revenue every year using Java, AWS, Spring, Kafka, and DynamoDB
- Decreased 90% of mismatches on customer accounts by developing a RESTful payments API
- Saved 15 dev-hours week by implementing, alerting, logging, and monitoring for all team components
- Leveraged knowledge in: *Java, AWS, Spring Boot, Maven, Kafka, DynamoDB, Junit, Jenkins, and Docker*

### PROS

Houston, TX

Software Engineering Intern

Jun 2019 – Aug 2019

- Built an Exchange Rate API that increased data precision by six decimals and saved \$80k+ per year
- Resulted in reduced customer pricing inaccuracies by 85% and saved 40 dev-hours per month
- Leveraged knowledge in: *Java, Spring, Groovy, Cucumber, MySQL, REST, Jenkins, Docker, and Agile*

### PROS

Houston, TX

Software Engineering Intern

Jun 2018 – Aug 2018

- Designed and developed critical Filter Bar UI component into PROS homepage seen by 30K+ users
- Won 1<sup>st</sup> Place at hackathon by building a pricing predictor and YouTube comment sentiment analyzer
- Leveraged knowledge in: *JavaScript, Python, React.js, Redux, Node.js, Jest, jQuery, and Agile*

## Personal Projects

### RGK Matching Algo

Built a matching algorithm platform and resume analyzer for 2k+ UT students

### YouTube Predictor

Built a pricing predictor and YouTube comment analyzer, won 1<sup>st</sup> Place at Hackathon

### Betting Visualizer

Built a web app for popular NBA/NFL/MLB betting lines for over 100+ sports teams

### FPL Soccer Analyzer

Built an FPL analyzer for the /r/FantasyPL subreddit to optimize team selections