

# 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, Concurrent and Distributed Systems, Software Testing

## Skills

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

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

## Work Experience

### Capital One

Chicago, IL

Software Engineer - Card Acquisitions & Fulfillment Team

Aug 2021 - Present

- Designed and implemented multiple enterprise applications in the Core Card Engineering 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, Kafka, Lambda, AuroraDB, Jenkins, and Docker*

### Capital One

Dallas, TX

Software Engineer - Platform of the Future Ledger Team

Aug 2020 - July 2021

- Led the design and development of multiple enterprise-level microservice applications in the Auto Loan Servicing Platform driving \$4.28 billion of revenue every year using Java, AWS, Spring, Kafka, and DynamoDB
- Decreased 90% of payment mismatches on customer accounts by contributing to RESTful payments API
- Saved 15 dev-hours per week by implementing, alerting, logging, and monitoring for all team components
- Contiguous Integration/Deployment Pipeline Integration, Load Testing, Unit/Integration/E2E Testing
- Leveraged knowledge in: *Java, AWS, Spring, Maven, Kafka, DynamoDB, Junit, Cucumber, 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 by six decimal places 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 - Scientific Analytics Team

Jun 2018 - Aug 2018

- Designed and developed business-critical Filter Bar UI component into PROS homepage seen by 30K+ users
- Won 1<sup>st</sup> Place at PROS Hackathon by building a B2B pricing estimator 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/alumni

YouTube Predictor

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

Betting Visualizer

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

FPL Soccer Analyzer

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