

ARMAN KHONDKER

armankhondker@gmail.com | 832-766-2322

github.com/armankhondker | armankhondker.com | linkedin.com/in/armankhondker

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, Concurrency, Operating Systems

Skills

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

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

Work Experience

Capital One

Chicago, IL

Software Engineer

Aug 2021 – Present

- Designed and developed multiple backend applications in the Account Setup Domain to onboard and setup accounts for over 500k+ credit card customers using Java, Spring, React.js, AWS, and Kafka
- Developed and re-architected monolithic Java application into modular, serverless and resilient workflow using Golang, AWS Lambda, Step Functions, Elasticache and Aurora DB
- Led and facilitated multi-day virtual developer onboarding bootcamp for 300+ new grad hires
- Led a team of six engineers in regional isolation failover exercise and used failover plan in AWS outage
- Leveraged knowledge in: *Java, Go, 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 production logging and monitoring for all team components
- Supported an agent-facing application by creating high-availability and fault tolerant infra across AWS
- 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 1st Place at intern hackathon by building a YouTube comment analyzer and pricing predictor
- 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 over 2k+ UT students

YouTube Predictor

Built a YouTube comment analyzer and pricing predictor, won 1st Place at Hackathon

Betting Visualizer

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