ARMAN **KHONDKER**

armankhondker@gmail.com | 832-766-2322

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

Experience

Capital One
San Francisco, CA

Senior Associate Software Engineer — Aug 2020 – Present

- Developed and re-architectured monolithic Java application into serverless workflow processing 20k+ credit card applications per day using Golang, AWS Lambda, Step Functions, SQS, and Elasticache
- Designed and developed multiple backend applications in the Account Setup Domain to onboard and setup accounts for credit card customers using Java, Spring, React.js, AWS, and Kafka
- Led and facilitated multi-day virtual developer onboarding bootcamp for 250+ new grad engineers
- Led a team of six engineers in regional isolation failover exercise and used failover plan in AWS outage
- Technologies: *Go, Java, AWS, Spring Boot, Kafka, Lambda, Aurora DB, Jenkins, and Docker*

Associate Software Engineer

- Led the design and development of multiple backend microservice applications for Capital One Auto Finance using Java, AWS, Spring, Kafka, and DynamoDB
- Developed ledger instrument logic to help process 2m+ customer payment transactions per day
- Wrote extensive unit and integration tests in Jest, JUnit, and Karate, with quality PR checks in code reviews that resulted in an overall code coverage of over 90%
- Technologies: *Java, AWS, Spring Boot, Maven, Kafka, Scala, DynamoDB, and Docker*

PROS
Houston, TX

Software Engineer, Intern — Jun 2019 – Aug 2019

- Built a RESTful API endpoint through an API gateway with Spring Boot for 180+ foreign exchange rates
- Implemented highly-responsive metric charts in React.js that visually presented categorial data
- Technologies: *Java, Spring, React.js, Cucumber, MySQL, REST, Jenkins, Docker*

PROS
Houston, TX

Software Engineer, Intern — Jun 2018 – Aug 2018

- Designed and developed critical Filter Bar UI component into PROS homepage seen by 50K+ users
- Won 1st Place at intern hackathon by building a YouTube comment analyzer and pricing predictor
- Technologies: *JavaScript, Python, React.js, Redux, Node.js, Jest, jQuery*

Education

University of Texas at Austin
Aug 2016 – May 2020

Bachelor of Science in Computer Engineering, Honors — GPA: 3.78

- **Courses:** OOP in C++, Algorithms, Compilers, Data Structures, Concurrency, Operating Systems

Skills

Languages: Java, Go, Python, C/C++, JavaScript, TypeScript, SQL, HTML/CSS
Technologies: AWS, Spring, React.js, Node.js, Kafka, PostgreSQL, MySQL, Aurora, Bash, Docker

Personal Projects

RGK Matching Algo	Built a matching algorithm platform and resume analyzer for over 2k+ UT students Technologies: Python, React.js, Node.js, AWS, Natural Language Processing
YouTube Predictor	Built a YouTube comment analyzer and predictor, won 1st Place at PROS Hackathon Technologies: Python, React.js, YouTube API, AWS
Deployment Tracker	Built an app to track deployments across Git repos, won 3rd place at C1 Hackathon Technologies: Python, DynamoDB, Lambda, GitHub API, Jenkins, AWS