

ADITYA MHATRE

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SUMMARY

Enthusiastic software engineer with 3+ years of experience participating in the complete product development lifecycle of successfully launched applications. Partnered with developers, analysts, QA, and DevOps engineers throughout the product lifecycle to produce high-quality, user-friendly, scalable, and bug-free software.

PROFESSIONAL EXPERIENCE

Senior Full Stack Engineer, CBRE, Dallas, TX

August 2021 – Present

- Implemented real time notification system using SignalR that send notifications to the user and displays it in real time
- Collaborated with project manager and UX designer to come up with a design for new UI components and developed the same in Angular
- Created Angular based micro UI service for a new microservice
- Migrated a monolith application to a new microservice based architecture and developed microservices for the same

Senior Software Engineer, Zimperium, Dallas, TX

June 2018 – August 2021

- Designed and developed two-factor authentication using the TOTP algorithm with Spring Security which enabled the user to use the Google Authenticator app to log in to the account.
- Architected and implemented a microservice for exporting continuous real-time events from the local system to external systems that process those events and increased turnaround time by easing customer onboarding on integration with external systems using Syslog Push and Amazon Kinesis.
- Created ReactJs based UI wizard for configuring above system.
- Designed and developed URL shortener and QR code deep-linking flow for mobile device logins.
- Implemented Cron based solution for reconciling user data between internal and external systems.
- Architected and implemented API connectivity diagnostic tool using AngularJS, Django and Vert.x
- Helped implement MDM solution and delivered end to end documentation for internal consumption.
- Knowledge of all stages of SDLC with experience in Git driven CI / CD pipeline.

Web Developer, The University of Texas at Arlington, Dallas, TX

June 2017 – May 2018

- Improved the availability and speed of the official RAID Labs website that was hosted on the cloud using Google Cloud Platform.
- Provisioned workflow for students to upload research papers for a lab journal and enabled the advisors to provide feedback in a NodeJS based app deployed on GCP.
- Improved adoption and user engagement on both internal and public websites. Revamped with new content, UI/UX design, and backend architecture with significant performance improvement.

PROJECTS

- Developed Self Driving Car AI using Neuro-Evolution of Augmenting Topologies in JavaScript. [{Link}](#)
- Created python based Flappy Bird clone that used NEAT algorithm as its A. [\(Link\)](#)
- A full-fledged microservice architecture for syncing songs from Shazam account using Kafka.

SKILLS

Languages - Java, React.js, Angular.js, Node.js, Javascript, GoLang, PHP, Python & SQL

Technologies - Microservice architecture, AWS, GCP, JWT, OAuth, Kafka, Docker, Spring framework & Django

Soft Skills - Cross-team collaboration, Customer-Oriented mindset

EDUCATION

The University of Texas at Arlington, TX

May 2018

Masters of Science in Computer Science, 3.67 GPA

University of Mumbai, India

May 2016

Bachelor's of Engineering in Computer Engineering, 3.14 GPA