

ADITYA MHATRE

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PROFESSIONAL EXPERIENCE

Software Development Engineer 2, Microsoft, Remote

September 2022 - Present

- Working as part of the Bot Management team in Power Virtual Agents to build tools and features that enable customers to easily manage and monitor their bots.
- Collaborating with a team of engineers to improve the quality and reliability of the bot platform by designing and implementing new features and tools.
- Developing and maintaining backend services using Microsoft PowerApp technologies like Power Automate, Power Virtual Agents, Azure App Service, and Azure Service Bus.

Senior Full Stack Engineer, CBRE, Dallas, TX

August 2021 – September 2022

- Guided and mentored new hires and interns in the development of their skills and knowledge.
- Designed and architected a product from the ground up, including the architecture, the user interface, and the data storage.
- Implemented real time notification system using SignalR that sends 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
- Migrated a monolith application to a new microservice based architecture and developed microservices for the same

Senior Software Engineer, Zimmerium, 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.

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

June 2017 – May 2018

- 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.

SKILLS

Languages & Frameworks - Java, Android, Flutter, React.js, Angular.js, Kotlin, Javascript, Python & SQL

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

Soft Skills - Mentoring, Teaching, 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