

MAAZ AHMED

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Education

Arizona State University

Master of Science in Software Engineering; GPA: 3.5

Aug 2021 - May 2023

Tempe, AZ

NMAMIT Institute of Technology

Bachelor of Engineering in Information Science & Engineering; GPA: 3.7 (8.4/10.0)

Aug 2017 - Oct 2021

Nitte, India

Experience

Evernote Corporation

Software Engineering Intern | *Data Structures, Authentication, JavaScript, Docker, Git, Jenkins*

Jun 2022 – Aug 2022

Redwood City, CA

- Developed & deployed a Log Recovery tool for logging Authentication and Authorization data of Evernote clients
- Simplified and automated the process of pulling logs by building a custom solution using TypeScript and NodeJS reducing the processing time by 60%
- Reconciled multiple sets of log entries to fill in the gaps during unexpected faults, ensuring data continuity
- Coded, deployed and handled 10% of production traffic when transitioning from Gluu to PingIdentity

Appsys Web Solutions

Web Developer Intern | *UX/UI Design, HTML, CSS, Javascript, PHP, Bootstrap, MySQL*

Dec 2019 – Jan 2020

Bangalore, India

- Collaborated in developing an eCommerce website by examining the needs and requirements of 3 clients
- Improved search time by engineering a search and sort features for an eCommerce website using PHP
- Boosted database performance by improving MySQL rules and properties, leading to a 50% reduction in query times

Projects

Artnbuff Shopping Mobile App | *React Native, TypeScript, NodeJS, REST APIs, Redux, Jest*

Jan 2023 – Apr 2023

- Spearheaded the app development, resulting in a 15% increase in online sales within the first month of launch
- Engineered and implemented the Redux store and middleware, streamlining data management and enabling the creation of a modular codebase resulting in 35% faster load times and improved user experience.
- Developed an advanced recommendation algorithm that analyzed user data to generate personalized recommendations
- Built a seamless checkout process with Razorpay integration, boosting conversion rates by 20%

Grievance System | *React, NodeJS, Javascript, Firebase, REST APIs*

Jan 2020 - Oct 2020

- Launched a system to resolve issues of concern by students, staff, and admins for the University of 5000 strength
- Incorporated ReactJS to build interactive components and incorporated Redux to manage application state
- Configured and integrated Firebase and REST APIs for storage, authentication, and file I/O making system 50% faster

Restaurant Database Management System | *HTML, CSS, PHP, SQL, MySQL, REST APIs*

Oct 2019 - Jan 2020

- Implemented an intuitive database management system for restaurant data, reducing data entry time by 80%
- Successfully engineered authentication, session management, and order generation features using PHP
- Designed a storage system, to add product data using MySql C API for SQL queries and improved efficiency by 25%

Skills Summary

Languages : Java, JavaScript, Python, C, C++, C, TypeScript, SQL

Technologies : React, React Native, NodeJS, MySQL, Redux, REST APIs, Git, Jest, Cypress, Docker, Jenkins, Firebase

Developer Tools : GitHub, Visual Studio, Atom, Android Studio, Expo

Relevant Coursework

- | | | | |
|------------------------|-----------------------|---------------------------|--------------------|
| • Data Structures | • Algorithms Analysis | • Artificial Intelligence | • UX/UI Design |
| • Software Methodology | • Database Management | • Internet Technology | • Machine Learning |

Awards and Achievements

Smart India Hackathon 2020 | *1st Place*

Jan 2020

- Won 1st(first) prize Smart India Hackathon 2020, National level Hackathon held by Ministry of Human Resource, India
- Programmed and facilitated a student support system using React, NodeJS, Redux, and other technologies in 36 hours

Google Developer Student Club | *NMAM Institute of Technology, Mangalore, India*

Aug 2018 – May 2021

- Actively facilitated in providing technological solutions to local businesses and communities, increasing business efficiency by 20%
- Experimented with newer technologies and built 5 side projects to improve understanding of how different technologies worked