

AUM JOSHI

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SUMMARY

Experienced in backend and frontend development, cloud architecture, and software tools. Proven track record in internships and academic projects emphasizing user-centric design (UX always comes first!) and cloud technologies.

EDUCATION

Master of Science in Information Technology

April 2024

Arizona State University (4.00/4.00)

Tempe, USA

Course Description: Advanced Database Management Systems, Information Systems Development, Principles of Computer and Information Technology Architecture, Cloud Architecture, Data Visualization

Bachelor of Engineering in Information Technology

June 2022

Gujarat Technological University (3.27/4.00)

Gujarat, India

Course Description: Data Structures and Algorithms, Computer Networking, DBMS, Software Engineering

SKILLS

- **Language and Databases:** Objective C, C++, Java, Python, Go, SQL, NoSQL, Rust, MongoDB, Typescript
- **Web Technologies:** HTML5, CSS3, Tailwind CSS, JavaScript, Require.js, Spring Boot, ReactJS, ExpressJS, Angular JS, Node JS, Express, .NET Core, .NET Blazor, AJAX, XML, MVC Frameworks, Swift, WebDriver, SwiftNIO
- **Tools/Software:** Git/Github, AWS EC2, AWS S3, AWS Lambda, Docker, Apache Airflow, JIRA, Kubernetes
- **Certifications:** AWS Solution Architect, Azure Fundamentals

PROFESSIONAL EXPERIENCE

Software Engineer Intern, Disney Coding, India (Remote)

January 2022 - May 2022

- Employed Java to achieve an impressive 80% growth across 4+ interfaces, showcasing proficiency in backend development
- Leveraged Spring Boot to construct cloud database on AWS using AWS Dyanmo DB, Document DB with 99.99% availability which helped set and meet deadlines
- Collaborated with various stakeholders to identify bottlenecks and streamline internal processes, improving overall efficiency

Software Engineer Intern, ITDesk, India (Onsite)

May 2021 - November 2021

- Implemented Node.js, HTML, CSS, JavaScript, and PHP to achieve a substantial 80% growth in website loading time for more than 2 webpages.
- Played a crucial role as key member of software development team to create responsive web-based software service-oriented architecture, demonstrating strong communication and collaboration skills
- Redesigned and optimized the website, resulting in a significant 90% increase in user engagement, emphasizing a customer-focused approach and a passion for quality of the data

ACADEMIC PROJECTS

SunDevil Scheduler (Arizona State University)

May 2023 – Dec 2023

- Developed a user-friendly course scheduling web SaaS application utilizing Node.js RESTful APIs hosted on Amazon Web Services (AWS) including media containers and video streaming algorithms
- Managed AWS services including EC2 instances, Auto-Scaling groups, CloudWatch, S3 Buckets, IAM, RDS, and DynamoDB for optimal performance and scalability.
- Implemented a continuous integration and delivery (CI/CD) pipeline (Jenkins) using GitHub Actions to automate deployment and ensure adherence to Agile methodologies.

Small Case (Arizona State University)

Jan 2023 – April 2023

- Created and deployed a responsive website for exchange-traded securities (such as stocks and ETFs) using CSS,
- MongoDB, Node.js, and Express.js
- Analysed user data on a MongoDB server and executed keyframes for a smooth sliding effect, enhancing the user experience and engagement
- Leveraged cutting-edge technologies and frameworks to deliver a seamless and robust platform for investors

MindMatters (Arizona State University)

Aug 2022 – Dec 2022

- Designed and developed a mental health application using Java Swing, facilitating communication between patients, therapists, and support networks.
- Integrated Google Maps API to provide users with real-time location-based services for booking appointments at nearby health centers.
- Implemented comprehensive features including patient registration, therapist booking, and scheduling of therapy sessions to enhance user experience and mental health management.