

Zaheer Abdul

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PROFESSIONAL SUMMARY

I am a software engineer with 3+ years of experience specializing in full-stack development. I have a proven track record of delivering robust web applications and efficient software solutions. My expertise includes working with various technologies across the development stack to build scalable and maintainable systems.

EXPERIENCE

Graduate Software Developer Assistant

Sep 2022 – May 2024

University of Maryland Baltimore County

Baltimore, USA

- Contributing to the comprehensive development and successful delivery of full stack web applications, continually enhancing technical skills, and effectively demonstrating innovative web application projects.
- Mentoring up to 80 students in web development, providing expert and personalized guidance, grading assignments, and actively assisting the professor in thoroughly evaluating and improving student projects.

Full Stack Developer (Intern)

May 2023 – Aug 2023

CowanSystems , LLC.

Baltimore, USA

- Specialized in full-stack web development, emphasizing Angular for front-end design; optimized back-end operations, reducing load time and boosting user satisfaction by 20%.
- Stimulated Azure Functions for back-end development, cutting API response time by 30% and handling a 40% increase in concurrent users, enhancing efficiency and scalability.
- Administered MySQL as backend database, improving performance by 25%, reducing query execution times to 150ms from an average of 200ms, ensuring optimal database functionality.

Software Engineer (Full-Time)

Sep 2021 – Aug 2022

Accenture India Pvt. Ltd.

Hyderabad, India

- Led a team in Java Spring Boot microservices development, enhancing Walmart's sales platform with crucial product validations, ensuring accuracy and reliability.
- Engineered algorithms to improve discount application precision, reducing pricing errors by 40% and increasing customer satisfaction by 25%, while maintaining platform performance.
- Adapted Java 8, ReactJS, NextJS, NodeJS, and ExpressJS for a scalable microservices architecture, improving system efficiency by 15%, ensuring optimal performance across the platform.

Web Application Developer (Intern)

Oct 2020 – Nov 2020

The Spark Foundation

Hyderabad, India

- Developed a secure banking web app with integrated payment gateway, ensuring PCI compliance and improving user experience with streamlined payments, reducing transaction time by 15%.
- Designed and optimized a digital banking interface, ensuring reliability through rigorous performance and scalability testing, leading to a 20% increase in successful transactions and improved satisfaction among users.
- Revamped banking operations through the implementation of a cutting-edge digital platform, resulting in a 40% increase in mobile transactions and a 25% improvement in customer satisfaction metrics.

Artificial Intelligence Developer(Intern)

May 2020 – Jun 2020

Smart Bridge Pvt. Ltd

Hyderabad, India

- Implemented Watson Assistant for Help Desk, cutting resolution time by 30% and boosting satisfaction; developed new API infrastructure for expanded capabilities.
- Directed solution reliability through code and data pipeline testing; integrated reporting and monitoring, enhancing performance and maintainability.
- Trained 500+ documents with Watson Discovery, integrated with Node Red for faster responses; collaborated across teams, contributing to design and research, showcasing expertise in database systems.

EDUCATION

University of Maryland, Baltimore County | *Graduate Assistant*

Baltimore, MD, USA

Master's in Computer Science (CGPA-3.66/4.0)

Aug 2022 – May 2024

Courses Taken: Design & Analysis of Algorithms, Advanced Computer Architecture and Computer Security, Software Testing.

Velagapudi Ramakrishna Siddhartha Engineering College

Vijayawada, India

Bachelor of Technology(B.Tech) in Information Technology (CGPA-3.42/4.0)

Jun 2017 – Jul 2021

TECHNICAL SKILLS

Languages: Java, Python, C, C++, C# (.NET), SQL, JavaScript, TypeScript, HTML, CSS (bootstrap, Tailwind).

Integrated Tech Stack: Angular, React.js, Next.js, Vue.js, Spring, Spring Boot, Node.js, Express.js, REST API, MySQL, SQL Server, MongoDB, jQuery, JSON, Docker, Agile, JUnit, AWS, Azure, IBM cloud Services, Linux, Salesforce, PEGA.

Certifications: Azure Fundamentals, Certified Salesforce Platform Developer-1, Certified Pega Senior System Architect.

Publication: Automatic Detection of Sewer Defects via Hierarchical Deep Learning. ([ICCES 2021 International Conference](#))