MOHIT ARORA
SOFTWARE & CLOUD ARCHITECT

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SUMMARY

Highly motivated and results-oriented Software & Cloud Architect with over 10 years of experience. Expertise in building scalable and secure cloud-based solutions using cutting-edge technologies. Proven track record of leading teams, delivering innovative projects, and driving business impact. Passionate about staying ahead of the curve by continuously learning and adopting new technologies. Eager to leverage my skills and experience on impactful projects for a forward-thinking organization.

SKILLS

SKILLS: Microsoft Azure, Azure Open AI, Java, Spring Boot, Nest JS, Next JS, Angular, React, Python, AWS, Javascript, Docker, MSSQL, MySQL, PostgreSQL, MongoDB, Redis, Kafka, TailwindCSS, Power BI, SQL, CI/CD, Jenkins

WORK EXPERIENCE

Indie Tech AI (Startup), *Software & Cloud Architect*   Sept. 2022 - Current
Toronto, Cananda
- Led the development of a scalable web application leveraging NestJS and Next.js frameworks, ensuring high performance and maintainability.
- Successfully trained and implemented a custom AI model utilizing Azure OpenAI's "bring your own data" feature. This model significantly improved user engagement within the application.
- Optimized database architecture using SQL Server to ensure efficient data storage, retrieval, and utilization for the AI model.
- Established a cohesive codebase with a development framework, coding standards, and best practices for the team.
- Implemented robust security measures and engineered scalable, high-performance system architecture.
- Orchestrated an optimized database architecture for data integrity and efficiency.
- Led a collaborative, agile team, optimizing cloud resources for cost efficiency and ensuring regulatory compliance.

Dun & Bradstreet, *Sr. Software Engineer*   Dec. 2020 - Sept. 2022
Hyderabad, India (WFH)
- Led a team of 5 software and QA engineers, managing the entire software development lifecycle for 14 client projects.
- Engineered microservices architecture and reduced tech debt for solutions with full consideration for modern information security. This approach increased client content distribution by 60%.
- Built innovative attribute-based access control (ABAC) features into new products, exceeding industry standards and achieving 100% NIST compliance with best practices.

SelFin India Financial Services (Startup), *Lead Engineer*   Oct. 2019 - Dec. 2020
Mumbai, India
- Established the IT infrastructure and built the tech team from the ground up.
- Led the development of core systems for the company, leveraging modern cloud infrastructure in Azure for development and delivery with a CI/CD pipeline.
- Set up a serverless architecture for the Angular app using Azure App Service, achieving 100% uptime through high-scaled cloud infrastructure.
- Efficiently deployed and integrated software and updated integration/deployment scripts to improve continuous integration practices.

Edelweiss Financial Services, *Software Engineer*   June 2015 - Oct. 2019
Mumbai, India
- Engineered a Real-Time Trade monitoring application for Equity, Derivatives & Forex trades, reducing latency from 30 minutes to less than 1 second compared to the legacy system.
- Optimized algorithms for High-Frequency Trading (HFT), Basket Executions, and Block Trades, resulting in a 40% increase in automation.
- Built an innovative reporting tool for Prime Broking on a large and growing dataset of 3 million trades.
- Developed modern applications using Java, JavaScript, SQL Server, and NoSQL technologies.

Pratham Software, *Software Engineer*   May 2014 - June 2015
Jaipur, India
- Engineered a workflow-based application using a BPMN tool and a custom web application handling high daily traffic (300 users, 100K API calls).
- Demonstrated strong technical skills by delivering specifications, program changes, unit test scripts, and documentation.
- Planned, documented, and executed tests to ensure code changes met requirements and specifications.
- Supported programming changes during quality assurance, user acceptance testing, and post-implementation phases.

EDUCATION

Suresh Gyan Vihar University   July 2010 - June 2013
MCA Computer Applications 2013
8.38 / 10 GPA

University of Rajasthan   July 2007 - June 2010
BCA Computer Applications 2010
67 / 100 GPA