

SHREY TALAN

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SOFTWARE DEVELOPER

Results-driven **Software Developer** with over 5 years of extensive experience in designing, implementing, and optimizing scalable solutions for high-stakes projects. Expert in modern development practices, including **Java**, **Spring Boot**, **Microservices**, and **Cloud Computing**. Proven ability to streamline operations, reduce costs, and deliver exceptional results in fast-paced environments. Adept at fostering collaboration across global teams to achieve business objectives.

QUALIFICATIONS

Master of Science: Computer Science

Sep 2021 – Sep 2022

University of Glasgow, Glasgow, United Kingdom

Core Modules Included: Programming Systems, Internet Technology, Secure Software Engineering Cyber Security Fundamentals.

Bachelor of Engineering: Computer Science & Engineering

July 2014 – Jun 2018

BML Munjal University, Gurugram, India

Professional Training: Infosys Training

CAREER SUMMARY

Experience - 5.3 years

Software Engineer

Sep 2022 - Present

JP Morgan, Glasgow, United Kingdom

- Directed the seamless migration of a critical, high-revenue monolithic application to **AWS**, utilizing a microservices architecture to drive scalability and operational efficiency.
- Devised and implemented robust cloud solutions using **AWS Lambda**, **RDS**, and **CloudFormation**, enhancing system reliability and performance.
- Championed cross-functional collaboration with stakeholders to ensure solutions aligned with business goals and technical requirements.
- Diagnosed and resolved complex system bottlenecks, leading to significant performance improvements and operational stability.
- Designed and implemented comprehensive monitoring solutions with **CloudWatch** to proactively identify and resolve application performance issues.
- Provided mentorship and technical guidance to junior developers, fostering a culture of continuous learning and innovation.

Key Achievements:

- Delivered a 40% reduction in operational costs by migrating legacy systems to Cloud Foundry.
- Enabled seamless scaling of services by converting a monolithic architecture into microservices.
- Accelerated data processing workflows by 30% through optimized AWS Lambda functions.
- Received recognition for proposing architectural improvements that improved overall system resilience and efficiency.

Software Developer

Mar 2020 - Aug 2021

Amdocs Development Centre, India LLP

- Designed and developed high-performance, scalable enterprise solutions leveraging Spring Boot and Microservices architecture.
- Engineered dynamic and intuitive React JS components, enhancing the usability and accessibility of client-facing platforms.
- Orchestrated effective collaboration between onshore and offshore teams to address critical technical challenges and meet project timelines.
- Conducted rigorous code reviews and testing processes to ensure the delivery of reliable and maintainable software solutions.
- Automated deployment pipelines using Jenkins and Docker, reducing manual effort and minimizing release cycles.
- Collaborated with product managers to translate business requirements into technical specifications, ensuring seamless alignment with client expectations

System Engineer

Sep 2018 - Mar 2020

Infosys Ltd

- Delivered end-to-end development solutions by leveraging expertise in Java Full-Stack architecture, contributing to all stages of the SDLC.
- Implemented efficient database optimization strategies, reducing server load by 15% and enhancing overall application performance.
- Played a pivotal role in deploying and maintaining web applications, ensuring minimal downtime and maximizing operational uptime.
- Addressed deployment challenges proactively, reducing downtime by 20% through comprehensive troubleshooting and root cause analysis.
- Built reusable components and libraries for future use, reducing development time for subsequent projects.
- Conducted knowledge-sharing sessions to improve team proficiency in Spring Boot and RESTful API design principles.

TECHNICAL SKILLS

Programming Languages: Java 11, Python, SQL, JavaScript, HTML, CSS, TypeScript

Frameworks & Libraries: Spring, Spring Boot, Hibernate, JPA, Microservices, React, Redux

Cloud Services: AWS (EC2, S3, Lambda, RDS, CloudFormation, SQS, SNS, DynamoDB, CloudWatch), Cloud Foundry

DevOps & CI/CD Tools: Jenkins, Docker, Kubernetes, Terraform, Git

Databases: MySQL, PostgreSQL, Oracle, AWS RDS, MongoDB, Redis

Web Technologies: RESTful Web Services

Messaging Systems: Kafka, RabbitMQ

Tools & Platforms: Maven, Jenkins, Git, Postman, JIRA, Confluence

CAREER ACHIEVEMENTS

- **Certified AWS Developer Associate (DVA C02)**
- **Amdocs SRE Newsletter Award:** Delivered Atomiq Product for Automations in Amdocs
- **Infosys Batch Topper** – Topper of the batch during Java Developer Training in Infosys, Mysore training campus
- **Paper Published** - THE USE OF JAVA TECHNOLOGY IN THE CREATION OF A DYNAMIC WEB DATABASE
Publisher - International Journal Of Advance Research in Engineering and Technology (IJARET Journal) URL - https://iaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_12_ISSUE_3/IJARET_12_03_068.pdf
Description - The use of Java Technology to assist in the solution of the issue of web application DT

References Available Upon Request