

AYASHA KHAN

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WORK EXPERIENCE

Technology Analyst

Oct 2022 - Aug 2023

Infosys Ltd

Mohali, India

- ❑ Led Adidas customized product sites re-platforming to **Microservice architecture** on **Azure Kubernetes**, decommissioned legacy websites, reducing operational costs by **40%** through resource optimization, enhancing application performance
- ❑ Detected and resolved application and deployment defects during the hard-launch phase, conducting root cause analyses of data patterns in production orders to prevent the erroneous production of **over 2000 live orders** across 18 countries
- ❑ Implemented quick fixes and collaborated with cross-functional teams to troubleshoot blockers, resulting in a **30% improvement** in application stability and performance improvement in the newly built e-commerce application
- ❑ Delineated relational databases, optimized complex queries and procedures on SQL Server improving performance by 50%
- ❑ Awarded with the Infosys Insta Award for Demonstrating exceptional problem-solving skills and proactiveness

Senior Software Engineer

Dec 2021 - Sep 2022

Infosys Ltd

Mohali, India

- ❑ Executed seamless cloud migration by transitioning on-prem applications to AWS and achieving a **60% cost reduction** by decommissioning legacy systems
- ❑ Configured and deployed over 15 applications on **EC2**, ensuring smooth firewall connectivity and orchestrating seamless data synchronization with **AWS RDS** to expedite the migration process
- ❑ Led the order module, resolved 300+ customer tickets, achieving **33% fewer complaints**, enhancing overall customer satisfaction
- ❑ Engineered 2 crucial daily stuck orders reports using **MySQL**, **Microsoft Excel**, **SAP AFS**, and GPS data, empowering Adidas Global team Services with actionable insights for informed decision-making and enhanced operational efficiency

Software Engineer

Nov 2019 - Dec 2021

Infosys Ltd

Mohali, India

- ❑ Designed a **React JS** user interactive dashboard for streamlined traveler onboarding and itinerary tracking
- ❑ Developed the backend with **spring-boot MVC architecture**, implemented **RESTful API calls**, logged various application events using log back, wrote test cases, and performed unit testing using **Junit** and **Mockito**

EDUCATION

Master of Science in Information Systems, Northeastern University, GPA 3.86

Boston, USA

Related Courses: Web Design and User Experience, Database Management and Design, Web Development Tools

May 2025

Bachelor of Engineering in Computer Science & Engineering, Shri GS Institute of Technology and Science

Indore, India

Related Courses: Data Structure & Algorithm, Operating Systems, Software Engineer, Computer Networks

May 2019

TECHNICAL SKILLS

Programming Language and Databases: Java, Python, C, C++, JavaScript, SQL, MongoDB

Web Development: React.js, Node.js, Express.js, HTML5, CSS, SCSS, Bootstrap, jQuery, REST APIs, Spring Boot

Tools and Technologies: MVC, JUnit, JIRA, Splunk, Kibana, Instana, Kubernetes, Git, Postman, SharePoint, ServiceNow

Cloud Computing and Operating Systems: AWS EC2, S3, Cloud watch, SQS, load-balancing, Linux, Windows, MacOS

Data Science: NumPy, Pandas, TensorFlow, Keras, PyTorch, Scikit-Learn, Jupyter

Additional: Agile, Scrum, SDLC, CI/CD, Problem-Solving, Innovative

PROJECTS

Patient Data Management System (MSSQL, ODBC, Python, Django)

Mar 2024

- ❑ Designed a patient centric database system to store patient history and related medical records
- ❑ Created Stored Procedures, UDFs, triggers, views, and implemented data encryption
- ❑ Developed application data visualization dashboard using Power BI tool

Retailer Swift: A Supply-Chain management and Logistic unit | Java Swing, Junit

Dec 2023

- ❑ Designed a user-friendly SCM **Java application** using **OOPS** concepts with an advanced interface built using **Java Swing library**
- ❑ Built to streamline and optimize retail business operations, using Java Swing and implemented the test cases using **Junit**
- ❑ Implemented a user-friendly Dashboard to demonstrate application engagement and process flow through **data visualization**

Shilpkala: Because they create it with Love | Mongo DB, Express JS, React JS, Node JS

Nov 2023

- ❑ Engineered an innovative full-stack application and third-party APIs/libraries to support small businesses creating handcraft goods
- ❑ Implemented functionalities like adding and updating products, adding items to a cart, sorting products, placing orders, pagination
- ❑ Integrated JWT authorization, stripe payment, and Twilio messaging and deployed the application on AWS cloud EC2 instance