

DANIAL BARBHUIYA

Software Engineer - Full Stack

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SUMMARY

"Full-stack developer with 4+ years of experience building scalable applications and cloud solutions. Skilled in RESTful APIs, interactive web interfaces, SQL/NoSQL databases, and AWS/OCI. Delivered projects from scratch by implementing innovative solutions and collaborating with stakeholders."

TECHNICAL SKILLS

CS Fundamentals: DSA, OOPs, Design Patterns

Languages: Java, C++, JavaScript

Frameworks: SpringBoot, Nodejs, Reactjs

Event Streaming: Apache Kafka

DBMS: MySQL, Oracle SQL, MongoDB

DevOps: Git, Jenkins, Docker, Kubernetes



Testing: JUnit, Mockito, Jest, Google Test

Monitoring Tools: Grafana visualization

Cloud: AWS, OCI, Terraform

Work Collaborative Tools: JIRA, Confluence



CODING PROFILE



 **Leetcode** 
500+ Problems solved



 **Codechef** 
1825 Rated


 **Github** 
15+ Application prototypes

ACHIEVEMENTS

 **Spot Awards: Oracle 2023 & 2024** 
Recipient of consecutive Spot Awards for outstanding impact.

 **1st Prize, Oracle Redwood Demo Day** 
For delivering an innovative Human Capital Management solution (Aug 2024).

 **Codechef: Global rank 327 & 704** 
Secured global ranks under 1000 in CodeChef Long Challenge (Feb, Apr 2019).

 **State Rank holder in 12th Standard**
Achieved 5th rank in the AHSEC (Science) Board Examinations, 2017.

EDUCATION

B.Tech in Computer Science

National Institute of Technology, Silchar

 June 2017 – May 2021

- 8.5 CGPA
- Teacher at Coding Club
- Member of Google Developer Student Clubs

EXPERIENCE

ServiceNow

Software Engineer

 December 2024 – Present  Remote, India

- **Tech Stack:** JavaScript, Kubernetes, Prometheus, Grafana, Thanos, SQL
- Working in the Global Cloud Solutions team, I have set up a central observability system to monitor all dependent clusters, ensuring seamless operations.
- Creating pipelines for Quality Assurance teams to provide a one stop environment to do the testing of product features by automating the manual effort to setup environment each time with all the required plugins and periphery services.

Oracle

Senior Software Engineer

 June 2024 – December 2024  Hyderabad, India

- **Tech Stack:** Java, SpringBoot, Kafka, JUnit, Mockito, Terraform, OCI
- Working in the Oracle SaaS product Human Capital Management (HCM) team to improve system scalability by migrating it to Spring WebFlux architecture, enabling non-blocking I/O operations and handling 50% more concurrent requests compared to the previous Spring MVC model.
- Integrated Apache Kafka with the Employee and Transaction microservices of the HCM tool to decouple them, hence enhancing user experience by reducing UI blocking times by up to 40-60%.

Software Engineer

 June 2022 – May 2024

- **Tech Stack:** Java, C++, JavaScript, Oracle SQL, Google Test, Gen AI, OCI
- Developed a web-based UI for file attachment and implemented a C++ backend server using Boost libraries, incorporating multi-threading and asynchronous patterns to handle concurrent file uploads and integrate with Oracle Object Storage for cloud-based file storage.
- Integrated Cohere's generative AI to the attachment-comment fragment in-order to automate the comment generation, aiming to cut transaction initiation time by at least 10 times.
- Created an innovative graphical UI solution for the HCM portal's Transaction Admin Console in-order to tackle the problem of setting rules for an initiated transaction. Leveraged advanced tree and graph algorithms to position the nodes by hierarchy.
- Collaboration with QA to ensure robust testing of features before they go to production. Migration and management of applications to OCI with the help of terraform scripts.

United Health Group

Software Engineer

 June 2021 – June 2022  Hyderabad, India

- **Tech Stack:** Java, JavaScript, Reactjs, Nodejs, Kafka, MySQL, AWS
- Worked on replacing the dependency on Adobe Experience Manager (AEM) with the open-source Content Management System (CMS) Strapi achieving 100% cost reduction and enhancing user experience and search optimisation.
- Improved medical insurance claims processing system with immediate commits, asynchronous checks for the claims validity and rollback mechanisms using Kafka. Implemented scalable deployment with containerisation and Kubernetes on AWS.
- Enhanced performance of several existing APIs by removing code bottlenecks and optimising the algorithms used. Resolved numerous complex bugs in UI to enhance software performance.