

# SHUBHAM DANGARH

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Software Engineer having **5+** years of experience with a proven track record of success in multiple industries. Result-oriented professional with a strong foundation in Math, Logic and Programming seeking to leverage solid skills in Collaboration, Communication and Coding as a Software Development Engineer in the firm.

## WORK EXPERIENCE

### **Software Engineer 2 at Microsoft (08/2022 – Present)** *Action Center Platform, Azure C+AI*

- Spearheaded System Design and Backend Implementation
- Innovated by creating an Azure load testing framework for Action Center APIs, addressing bottlenecks, and enhancing system performance.
- Pioneered the migration of certificates from SSL Admin to the new Microsoft PKI via OneCert, impacting over 20 service teams at an organizational level. Established and conducted dedicated office hours to drive this transformation.
- Acquired hands-on experience with GraphQL.

### **Software Engineer at Microsoft (05/2020 – 08/2022)** *Notification Services, Azure C+AI*

- Drove .Net Framework, Angular JS, SQL Server, and various Azure IaaS and PaaS services.
- Designed and executed a user management portal for Notification Services, granting consumers a 100% self-service experience and reducing reliance on the Development team.
- Took the lead in creating Azure Service Fabric Clusters and orchestrated the seamless migration of Notification services infrastructure. Assisted other product teams in adopting the Service Fabric infrastructure.
- Championed representation of Notification Services in organizational teams, actively contributing to accessibility and compliance initiatives. Established an SLA/Health metric Dashboard, providing product stakeholders with valuable insights into user engagement.

### **Software Developer at Barclays (07/2018 - 04/2020)** *Apply Tokenization, Barclay Card US*

- Played a pivotal role in system design, coding, debugging, and providing comprehensive support for the application.
- Demonstrated proficiency in Core Java, Spring Boot, H2 Database, Junit, Maven, GIT, REST Technologies, and Android app development.
- Led the migration of a monolithic application to a microservices architecture using Spring Boot, enhancing the system's scalability and flexibility.
- Engineered signature generation for Post Back parameters with a focus on robust two-way encryption to bolster security.
- Successfully implemented Single Sign-On Authentication for streamlined user access and security.
- Contributed to API documentation using Swagger, ensuring clear and comprehensive communication of the application's capabilities and interfaces.

## SKILLS

Programming Languages  
Software framework  
Azure Tech Stack

C++, C#, Java, SQL, JavaScript  
.NET Framework, SQL Server, REST API, GraphQL  
Service Fabric Cluster, KeyVault, Service Bus, App Insights, App Service,  
Azure Functions, API Management, Cosmos DB

## EDUCATION

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**National Institute of Technology, Bhopal**  
B. Tech in Computer Science and Engineering  
8.20 CGPA (on a scale of 10)

**07/2014 to 04/2018**

## CO-CURRICULAR ACTIVITIES

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- Participated in Microsoft Engage 2021 Program to mentor students across different colleges of India and helped them to succeed in the challenge
- V-team member, Microsoft Give Campaign 2021 which is the largest corporate giving program in the world to help nonprofit organizations.
- Participated in Hackathon and received Honorable mentions in Intelligent Employee Experience Hack category
- Team lead, Barclays Water Cup organized by Paani Foundation, A movement to create water-abundant villages
- Student Coordinator, MACT/MANIT Alumni Cell

## ACADEMIC PROJECTS

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Auto-ranking of Amazon reviews (Major project)

**03/2018 to 04/2018**

- Natural Language Processing application which solves the problem of predicting real valued scores for reviews based on various features of the review text and generated absolute ranking for a given list of reviews.
- Language Used: Python and JavaScript

Blood Bank

**11/2016 to 12/2016**

- An Android application to serve as a bridge between donors and recipients
- Language Used: Java