

Raj Patel

Bangalore, India

raj.patel@fakeemail.com | +91 9876 543210 | LinkedIn | GitHub

Education

Indian Institute of Technology, Bombay

Bachelor of Technology in Computer Science and Engineering

Jul 2017 – May 2021 | Mumbai, India

CGPA: 9.4/10

Activities: ACM Programming Club Lead, Technical Festival Coordinator, Teaching Assistant for Algorithms

Relevant Coursework: Advanced Data Structures, Design and Analysis of Algorithms, Operating Systems, Computer Networks, Database Management, Machine Learning, Distributed Systems, High Performance Computing

Summer School: ETH Zurich 2020 (Grade: 6/6)

Work Experience

SDE II | Amazon | Jun 2022 - Present | Bangalore, India

- Led a team of 5 developers building a distributed inventory management system using Java and AWS.
- Implemented fault-tolerant microservices using Spring Boot that handle 10K+ transactions per second.
- Designed and optimized NoSQL database schemas that reduced operational costs by 35%.

Software Development Engineer | Microsoft | Jun 2021 - May 2022 | Hyderabad, India

- Developed backend APIs for Microsoft Teams using C# and .NET Core.
- Implemented caching strategies that improved API response time by 60%.
- Collaborated with cross-functional teams to integrate services with Azure Cloud Platform.

Skills

Programming: Java, C#, Python, JavaScript, TypeScript, Kotlin

Frameworks: Spring Boot, .NET Core, React, Angular, Express.js

Cloud: AWS (ECS, DynamoDB, Lambda), Azure (App Service, Functions, CosmosDB)

DevOps: Docker, Kubernetes, Jenkins, GitHub Actions, Terraform

Databases: SQL Server, MongoDB, Cassandra, DynamoDB, Redis

Other: Microservices Architecture, System Design, High-Scale Services, Messaging Systems, API Design

Certificates

AWS: Solutions Architect Professional

Microsoft: Azure Developer Associate

Oracle: Java SE 11 Developer

Awards

1st Place - Amazon HackDay 2023 for Innovative Logistics Solution

ACM ICPC Asia Region Finalist 2020

National Talent Search Scholarship Winner