

Ananya Sharma

Bangalore, India

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Education

Indian Institute of Technology Bombay (IIT Bombay)

Master of Technology (M.Tech.) in Computer Science and Engineering

Jul 2019 – Jun 2021 | Mumbai, India

CPI: 9.2/10

National Institute of Technology Karnataka (NITK) Surathkal

Bachelor of Technology (B.Tech.) in Information Technology

Aug 2015 – May 2019 | Mangalore, India

GPA: 9.5/10

Work Experience

Software Development Engineer II | Amazon | Jul 2021 - Present | Bangalore, India

- Designed and implemented scalable backend services for AWS products using Java and Python on native AWS infrastructure (EC2, S3, DynamoDB, Lambda, SQS).
- Led feature development from conception to deployment, collaborating with product managers and other engineers.
- Improved service operational performance by optimizing code and infrastructure configurations.
- Mentored SDE Is and interns.

Skills

Programming: Java, Python, C++, Go, SQL, NoSQL

Cloud Platforms: AWS (EC2, S3, DynamoDB, Lambda, SQS, SNS, CloudFormation, CDK, IAM, CloudWatch)

Frameworks: Spring Boot, Flask/Django (Basic)

Databases: DynamoDB, PostgreSQL, MySQL, Aurora

DevOps Tools: Docker, Git, Jenkins, AWS CodePipeline/CodeDeploy

Methodologies: Microservices, Distributed Systems Design, Agile (Scrum), Object-Oriented Design, Design Patterns

Other Skills: Scalability, High Availability, Operational Excellence, System Design Interviews

Certificates

AWS Certified Solutions Architect – Associate

AWS Certified Developer – Associate

Awards

Institute Silver Medal - IIT Bombay (for M.Tech specialization)

Amazon SDE II Promotion