

ABHISHEK CHAUDHARI

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WORK EXPERIENCE

Amazon Web Services | Software Development Engineer Intern | AWS, DynamoDB, Lambda, OpenSearch, IAM, CDK May 2023 – Present

- Led customer-focused project involving AWS technologies, including the design of an efficient analytics solution on customer behaviour pattern with **DynamoDB, Lambda, and OpenSearch**, gaining interest from cross-functional teams
- Enhanced team's productivity by **3 hrs/week**, by building the solution using **CDK, Typescript, IAM** and varied AWS technologies
- Through deep exploration of **Kinesis, Athena, Redshift and AWS Glue** during the planning stage, achieved significant technological alignment, culminating in distinctive recognition for the impactful design and demonstration of project results
- Won competitive hackathon by containerizing TypeScript APIs using **Docker and AWS Fargate**, expanding knowledge in **NestJS** demonstrating monthly cost-saving potential of **\$10K**

Infosys | Software Engineer | Java, JavaScript, Angular, HTML, SQL, Git, Jenkins, Linux

October 2019 – December 2021

- Fine-tuned network monitoring **Java Spring Boot** applications, focusing on the addition of new features resulting in successful deliveries every sprint exceeding expectation
- Led the design and development of a customized **role based authenticated** full-stack application using **HTML and JavaScript** to showcase specific **sev-one** alerts from an aggregate alert pool of alarms enhancing client's productivity by **20%**
- Crafted a **responsive** self-help front-end user interface employing **Angular and TypeScript**, streamlining data retrieval from the **SQL** database as per customer requirements eliminating manual intervention from the team
- Reengineered the alarm onboarding process for a network monitoring application, replacing hard-coded filters in **Java** with a **Config file-driven** approach, expediting alarm inclusion, eliminating deployment and **50%** increased efficiency
- Orchestrated adoption and integration of **Git and Jenkins** for version control and **continuous integration**; improved code quality and increased deployment frequency by **60%** for a team of 10 developers

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, SQL, Bash **Frameworks:** Spring Boot, Hibernate, Maven, JUnit, Mockito, NestJS

Web: React, Angular, TypeScript, JavaScript, Express.js, Node.js **Databases:** MySQL, DynamoDB, S3, MongoDB, Redis

Cloud & DevOps: AWS (EC2, S3, ECS, Kinesis, Redshift, Lambda, CDK, OpenSearch, IAM), Terraform, Docker, Git, Jenkins

EDUCATION

Northeastern University, Masters in Information Systems

January 2022 – December 2023

Pune University, Bachelors in Mechanical Engineering

July 2015 – May 2019

PROJECTS

Cloud Product Catalog | Java, Terraform, GitHub, AWS (VPC, EC2, RDS, S3, Load balancer, CloudWatch)

- Implemented **role-based Spring Boot** APIs, establishing **workflows** for **Amazon Machine Image(AMI)** through **GitHub Actions**
- Deployed the **infrastructure** stack using **Terraform**, incorporating **VPC, RDS, EC2, CloudWatch** and multiple **AWS Resources**
- Incorporated a **CI/CD** pipeline using **GitHub Actions**, enabling automated code updates directly into **AMI** and running **EC2** instance

The Book Store | NodeJS, Angular, Bootstrap, MongoDB,

- Built **responsive** online bookstore web application employing **bcrypt** encryption and **email verification** for enhanced security
- Deployed MongoDB as the underlying datastore optimizing database queries and indexing strategies
- Pioneered an efficient cart system and secure **payment gateway** with **session management**, streamlining purchase transaction

ZPay | Java, Spring Boot, Angular, Oracle SQL, Hibernate, Maven, Jenkins, Git, AWS

- Led development of **full-stack digital wallet app**, enabling users to connect bank accounts, transactions, pay bills, and earn cashback
- Created money-transfer feature leveraging graphs and database retrievals, accelerating credit processing to recipient accounts
- Crafted system architecture, **ORM**, streamlined **CI/CD pipelines** for automation of testing, building using **Git** and **Jenkins**

Vaccine Managing System | Java Swing, Oracle SQL, JDBC

- Developed a Vaccine management system involving **8 roles** having dedicated screens and login credentials
- Implemented **work request** flow between roles and respective connections using **OOP** and **design patterns**
- Incorporated **mail confirmation** service, **Google Maps** and connected to **Oracle SQL** database using **JDBC**