SUBRAM ROUT

SOFTWARE DEVELOPER

CONTACT

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EDUCATION

2023 - 2025
BIJU PATNAIK UNIVERSITY OF TECHNOLOGY , ORISSA
- Master of Computer Application
- CGPA: 8.3/10

2020 - 2023
UTKAL UNIVERSITY
- Bachelor of Science
- CGPA: 9.1 / 10

2018 - 2020
COUNCIL OF HIGHER SECONDARY EDUCATION, ODISHA
- Intermediate of Science
- CGPA: 8.4 / 10

SKILLS

- Java, Python, Bash(basic), SQL
- MySQL, MongoDB. Oracle
- Spring, SpringBoot, Microservices
- JUnit, Mockito, Postman
- Amazon Web Services(AWS)
- Docker, Kubernetes
- Jenkins, Terraform, Ansible
- Git, GitHub, GitLab
- HTML, CSS, JavaScript
- Linux, Computer Networking

LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Odia (Fluent)

CAREER OBJECTIVE

AWS Cloud Practitioner certified Software Developer with a strong foundation in backend development, cloud computing, and modern software engineering practices. Proficient in Java, Spring Boot, MySQL, and experienced in Docker, Git, and basic CI/CD pipelines. Skilled in deploying applications on AWS Cloud using services like EC2, S3, and RDS, with a solid understanding of cloud architecture and scalability. Eager to contribute to a forward-thinking development team, apply cloud-native principles, and grow into a full-stack or cloud-focused engineering role.

PROJECT WORK

Crime Cases Showcase Website

Tech: Java, Springboot, MongoDB, HTML, CSS, JavaScript, AWS
- Developed a responsive crime case tracking web app using HTML, CSS, JavaScript, and Spring Boot REST APIs with MongoDB Atlas as the backend.
- Containerized the application using Docker and implemented a CI/CD pipeline with Jenkins integrated with GitHub for automated build, test, and deployment.
- Provisioned and deployed cloud infrastructure using Terraform on AWS, utilizing EC2 for backend hosting and S3 for static content, following cloud-native and IaC best practices.

Ecommerce Website

Tech: Java, Springboot HTML, CSS, Javascript, MySQL, AWS
- Developed a responsive e-commerce web application using HTML, CSS, JavaScript, and Spring Boot REST APIs, with MySQL as the backend for managing products, users, orders, and transactions.
- Containerized the application using Docker, ensuring consistent environments and simplified deployment.
- Implemented a CI/CD pipeline with Jenkins, integrated with GitHub, to automate the build, test, and deployment workflows.
- Provisioned and deployed infrastructure on AWS using Terraform, utilizing EC2 for backend services and S3 for static content, following cloud-native and IaC best practices.

CERTIFICATION

- Certified **AWS Cloud Practitioner**, with a strong foundation in core AWS services, cloud architecture, and best practices.
- Completed **AWS re/Start** program by Tech Mahindra Foundation, gaining hands-on cloud skills and real-world cloud project exposure.
- Achieved Elite + Silver in **Management Information Systems** and recognized as a Top Performer in **Industry 4.0 & IIoT**, both NPTEL courses conducted by IIT Kharagpur.
- Completed NPTEL **Cyber Security and Privacy**, demonstrating knowledge of cybersecurity, data privacy, and digital risk.
- Certified in **Java, Oracle Database, and Spring Boot & Microservices** from Naresh i Technologies, Hyderabad.