DEEPAK KUMAR

Noida, Delhi

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Education

Aliah University	**Aug 2019 – May 2023**
Bachelor of Technology (B.Tech) in Computer Science	*Kolkata, West Bengal*

Relevant Coursework

- Infrastructure as Code
- Containerization and Orchestration
- Continuous Integration and Continuous Deployment (CI/CD)
- Monitoring and Logging
- Cloud Platforms
- Security Practices
- Networking and Load Balancing
- Scripting and Automation

Experience

Nagarro Pvt Ltd	**Mar 2024 – Present**
Associate DevOps Engineer	*Gurugram, Haryana, India*

- Engineered and led the development of Microservices Applications, seamlessly integrating cutting-edge technologies such as **Ocelot gateway** for secure routing and **Eureka** for service registration. Orchestrated Docker deployments on **Docker Hub** to optimize scalability and reliability.
- Implemented comprehensive code quality checks and continuous code inspection using **SonarQube** and **SonarCloud**, ensuring adherence to industry best practices and maintaining impeccable code health.
- Established efficient **CI/CD pipelines** using GitLab, guaranteeing the seamless delivery of updates. Developed Dotnet Applications with a focus on **N-layer** and **Clean Architecture**, strategically applying design patterns for enhanced scalability and maintainability.
- Delivered high-impact solutions driving business growth and consistently exceeding customer expectations, showcasing a relentless commitment to excellence in software engineering.
- Utilized automation tools like **Ansible**, **Docker**, **SonarQube**, and **Artifactory**. Worked on **Jenkins**, **Bitbucket**, **Azure DevOps**, and **GitLab** for DevOps automation. Also worked with **AWS**, **VM (Virtual Machine)**, and **MobaXterm**.

Associate Software Engineer Trainee	**Mar 2023 – Mar 2024**
Apprenticeship	*Gurugram, Haryana, India*

- Built scalable applications using **Node.js**, **Angular**, and **Express.js**.
- Gained proficiency in **.NET**, **Node.js**, and **React.js** technologies.
- Worked with **MongoDB**, **SQL**, and **MySQL Workbench** for application development.
- Deployed applications on **AWS** and **Azure**.
- Contributed to a mini project for demonstration purposes.

Projects

Microservice-Client-Project | *Docker, SonarQube, Eureka, Ocelot, RabbitMQ, SQL Server*	**January 2024**

- Led the development of a full-duplex microservices architecture using Docker for containerization, Eureka for service discovery, and Ocelot for API Gateway services.
- Implemented SonarQube for code quality, RabbitMQ for messaging, and managed SQL Server databases, ensuring system integrity.
- Built a CI/CD pipeline on GitLab, contributing to a robust DevOps workflow.

Java Application Deployment to Azure Cloud | *Docker, Jenkins, Artifactory, Ansible,Terraform,Azure*	**February 2024**

- Deployed a Java application to Docker Hub using Jenkins, integrating Artifactory for artifact management and Ansible for automation.
- Spearheaded the GitHub source code management and streamlined the CI/CD pipeline, enhancing efficiency and reliability.
- Configured Dockerfile for containerization and Jenkinsfile for pipeline definitions.

Technical Skills

Languages:	C++, C#, Java, NodeJS, JavaScript, SQL
Developer Tools:	Git, Ansible, Terraform, Jenkins, Artifactory, GitHub, Promethus-Grafana,ELK-EFK Stack
Technologies/Frameworks:	.NET Framework, Spring Boot, Docker-Kubernetes
Operating Systems:	Linux, Ubuntu