

Sumit Kumar

Software Engineer

+91-7634016512 | sumit25mgr@gmail.com | Kolkata, INDIA | Experience: 3 Years 1 Month | <https://github.com/SumitK25>

Profile summary

Experienced Full Stack Developer with 3 years of expertise in designing and deploying scalable web applications using java, .NET Core, React.js, and SQL. Proficient in Linux environments and implementing DevOps practices, including CI/CD automation with Jenkins and JFrog Artifactory. Skilled in developing robust RESTful APIs, optimizing backend performance, and delivering high-quality software solutions. Currently advancing knowledge in AI/ML through a professional certification from IIT Patna to integrate emerging technologies. Dedicated to driving innovation, efficiency, and excellence in software development projects.

Skills: Javascript, Artificial Intelligence, Jenkins, React.js, Angularjs, .NET Core, MVC Architecture, MySQL, Python, Agentic Ai, GIT Version Control, C / Vbnet, Java

Certifications

- Python
- Responsive-web-design
- Front-end-development-libraries
- Javascript-algorithms-and-data-structures
- Java
- MySQL

Work experience

Software Engineer — NMSWorks Software

Apr 2024 - Present

- Developed and enhanced scalable backend services using Java, JavaScript, and SQL within a microservices architecture for large-scale network management systems.
- Optimized PostgreSQL queries and indexing strategies to improve data retrieval performance across large datasets.
- Resolved high-priority production issues impacting network stability, performance, and system reliability.
- Implemented and maintained CI/CD pipelines using Jenkins, with artifacts managed in JFrog Artifactory.
- Assisted in deployment and monitoring of Java-based Kafka clusters for real-time data processing and configured Apache Tomcat servers for hosting Java web services in production.

Project Technical Support III Programmer — ICMR- National Centre for Disease Informatics and Research

Mar 2023 - Apr 2024

- Led the development and maintenance of the Hospital-Based Cancer Registry (HBSR) dashboard, enabling seamless data integration and near real-time updates for critical public health statistics.
- Developed and enhanced the DNMS application, automating complex nationwide data collection workflows for diabetes research, significantly improving data accuracy and accessibility for researchers.
- Implemented the Central ODK Collector (COC) to support large-scale field data collection, optimizing mobile data entry workflows and enabling efficient upload, validation, and analysis of high-volume datasets.
- Built and optimized web applications using JavaScript frameworks (React, Angular), VB.NET, PHP, and MySQL, improving system performance, reliability, and data-driven decision-making across public health initiatives.

Software Trainee — Mountblue Technologies

Jun 2022 - Jul 2022

Full Stack JavaScript Trainee

Education

MCA | Computers
Cochin University of Science and Technology (CUST)
Grade - 9/10

2022

BCA - Bachelor of Computer Applications | Computer Applications (General)
Tilka Manjhi Bhagalpur University, Bhagalpur
Marks - 67.97%

2019