

KOMAL SINGH

Kolkata, India

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Education

Asansol Engineering College

Bachelor of Technology in Computer Science and Engineering, CGPA: 9.29

2018 - 2022

West Bengal

D.A.V Public School

CBSE, Class XII, Percentage: 89.6

Grad. May 2017

Jharkhand

D.A.V Public School

CBSE, Class X, Percentage: 89.3

Grad. May 2015

Jharkhand

Experience

Nagarro

October 2022 - Present

Associate Engineer

Kolkata

- Design and developed the chat-bot service from scratch and worked on the core pieces of it.
- Responsible for analysis and understanding of generative AI to layout a working solution and use-cases.
- Worked on the integration of the Rest APIs with UI and rendering a presentable content back from API using CSS.
- Contributed to the implementation of voice recognition feature, followed by the processing of voice inputs for enhanced functionality.
- Implemented the integration of Spring Boot and Angular to enhance data retrieval and presentation capabilities.
- Created a Jenkins pipeline to build and deploy a Spring Boot API using Docker.
- Extended the pipeline to seamlessly integrate SonarQube for enhanced code quality and security analysis.
- Tech: Angular, Spring MVC, Spring Boot, Jenkins, Docker, REST, HTML, CSS, Git.

Relevant Coursework

- Data Structures
- Algorithms
- OOPS
- Operating Systems
- Database Management

Projects

Product Catalog — Angular, Spring Boot

- Developed a web application that provides a platform to view product details and search for products after successful authentication.
- Designed and integrated services between Angular and REST API.
- Provides to check whether the product is deliverable to their pin code.

E-Notes

- Web application developed using HTML, CSS, JavaScript, JSP, Servlet, and JDBC.
- Allows users to add, update, delete, and view notes.

Technical Skills

Languages: Java, C, HTML/CSS, JavaScript, MySQL

Technologies/Frameworks: Spring MVC, Spring Boot, Hibernate, Angular, Git

Tools: GitHub, Jenkins, Eclipse, IntelliJ, VSCode, and Postman

Key Accomplishments

Solved 200+ problems on GFG/Leetcode.

HackerRank (5 star): Gold Badge in Java and MySQL.

Online Courses / Certification

Developing Soft Skills and Personality - NPTEL (IIT Kharagpur)

Ethics in Engineering Practice - NPTEL (IIT Kharagpur)