

Sayan Ghosh

An Explorer in Development World

Enthusiastic and dedicated Java developer passionate about crafting efficient, maintainable, and scalable software solutions. Proficient in Java programming fundamentals and eager to apply theoretical knowledge gained through academic projects and coursework.



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EDUCATION

Bachelor of Technology , Computer Science & Engineering

Maulana Abul Kalam Azad University of Technology (Formerly known as West Bengal University of Technology)

2020 - 2024

Currently ≈ 8.5

Higher Secondary , Science

West Bengal Council of Higher Secondary Education

2018 - 2020

84%

Secondary

West Bengal Board of Secondary Education

2017 - 2018

86%

PERSONAL PROJECTS

CRUD Web Application (11/2023 - Present)

- Made a CRUD web application for an College Admin panel to store Student Admission Data to database , to edit those details and delete. Used SpringBoot for Backend Dev , Bootstrap for Frontend Dev , MySQL & Hibernate for Database connectivity and usage.
- Used Spring MVC concept by making different Controllers such as StudentController in which all student related functions are there like add , edit etc are mapped. There is also MainController whose task is to render the index page.
- Made StudentService class where all CRUD logic are written. And in the StudentController class , used these service methods.
- Hibernate is used to connect MySQL server with backend. Created Student Id automatically and with auto increment by @GeneratedValue(strategy = GenerationType.IDENTITY)
- Github Link
: <https://github.com/sayanthecodingchamp/Projects/tree/main/UniversityERP>

Task Management App with Authentication and Authorization by EmailId Verification (01/2024 - Present)

- Authentication and authorization is made. Only verified. user can get into the app. Implemented Spring Security 6 for authentication. Collected token and verifying that. All related tasks are made. Forgot password facility is there. Create new password with verifying emailId. Login , Logout all are made.
- Github Link: <https://github.com/sayanthecodingchamp/Projects/tree/main/task-management-app>

Call to a number using API (11/2023 - Present)

- Made a Calling app by Spring boot and implementing Twilio api to generate a call to a number.

News Blog Website (08/2023 - 08/2023)

- Made a basic news blog website using JavaScript and React

SKILLS

Programming Languages: Java

Frontend Technologies: HTML, CSS, JavaScript , Bootstrap

Backend Technologies: Spring IOC , Spring AOP , Spring MVC , Spring Boot

Database Management: MySQL

Version Control: Git

Development Tools: Eclipse, IntelliJ IDEA , VS Code

Software Development Methodologies: Agile, Scrum, Spiral , Waterfall

Operating Systems: Windows, Linux

OOPs Concept

Problem Solving

Knowledge of various Data Structures

Basic Knowledge of : C , C++ , Python

CERTIFICATES

Version Control by Meta

Certification Url:-

<https://coursera.org/share/5603f2c849e344ee6ff24914bd99ecc3>

Programming with JavaScript by Meta

Certification Url:-

<https://coursera.org/share/ae8d6927191ab6c448109ebabc12f501>

LANGUAGES

English

Full Professional Proficiency

Hindi

Professional Working Proficiency

Bengali

Native or Bilingual Proficiency

INTERESTS

Learn more and more about new Backend Technologies

Working in a Motivated Team

Solve Real Word Challenges

Grow and let grow