

Dawn Archisman

ASPIRING SOFTWARE ENGINEER

KOLKATA, INDIA

+91-9091141632 | workemail2dawn@gmail.com | Oct 10, 2001 | adportfolio-web.netlify.app | DawnArchi01 | archisman-d-203a3a207 | LeetCode



Personal Profile

A Jadavpur University graduate student who is dedicated to software engineering, seeking entry level roles in the field, and specialising in full-stack web development, data structures and algorithms with strong **Inter-personal skills, hardworking mentality, adaptibility**. Searching mostly for Web Development, Software Development, Database/Cloud Engineer Roles.

Technical Skills

Languages	C, C++, JavaScript, Java, SQL, HTML5, CSS3.
Technologies/Frameworks	Express, Node.js, React.js, Spring Boot, Bootstrap, Jenkins
Database	MySQL, MongoDB, PostgreSQL
Dev Tools	Visual Studio Code, Postman, Firebase, Git/GitHub, Docker, IntelliJ, Maven
Others	Data Structures Algorithms, Spring Core, Spring JPA, Spring JDBC, DBMS, OOP

Projects

College Management Site

Kolkata, India

Jadavpur University

Jan 2024

- Developed a College Management System using MERN stack to **streamline student profile management**, focusing on personal information and curriculum vitae (CV).
- Implemented **secure user authentication** with role-based access control for students and administrators.
- Enabled students to manage personal information and CVs through a **user-friendly interface** with features like CV uploads and profile editing.
- Created an administrator dashboard with **list views, search functionality, and approval/rejection** options for managing student profiles.
- Ensured an **efficient MongoDB schema design** for storing student data and CVs, along with a modular and reusable code structure for both backend (Node.js) and frontend (React.js) components.
- Technical Skills:** Web Development, Database Management, JWT.

Book Store Management

Kolkata, India

Jadavpur University

Aug 2023

- Implemented robust Create, Read, Update, and Delete (CRUD) functionalities on the backend using Node.js and Express.js, ensuring efficient data manipulation and storage.
- Configured a well-structured backend router to handle API endpoints, enhancing the scalability and maintainability of the application.
- Executed MongoDB operations for seamless data storage and retrieval, demonstrating proficiency in database management within the MERN stack context.
- Implemented responsive and user-friendly frontend interfaces with React, enabling users to perform CRUD operations on book data seamlessly.
- Technical Skills:** REST API, Database Management, HTML5, CSS3, Bootstrap.

Student Data Management System

Kolkata, India

Jadavpur University

Jul 2023

- Simple **file I/O** operations to take input of student data and output.
- Can manage Student data very easily.
- Proper management of data by operations like adding marks, student registration, admin view and faculty login
- Technical Skills:** C/C++, File I/O.

Education

Jadavpur University

Kolkata, India

B.E. in Electrical Power Engineering

Sept 2020 - Jun 2024

- Graduated with First Class | **7.8 GPA**
- Class Representative

Arambagh Vivekananda Academy

Hooghly, India

Senior Secondary School

Mar 2018 - Mar 2020

- Aggregate: **92** percentage | Grade A
- Specialised in Physics, Chemistry, and Maths

Work Experience

Software Engineer - Intern

Kolkata, India
Mar 2024 - Jun 2024

- Aerial View-6 Infotech Pvt. Ltd.
- As a Software Engineering intern in the Healthcare SaaS industry, I have developed and optimized scalable solutions that enhance patient care and streamline operations.
 - At Aerial View-6, I contributed to a project that reduced data processing time by 40% through innovative algorithm optimization, directly improving user satisfaction.
 - Developed several APIs using SpringBoot for seamless integration of the backend with the frontend.
 - My daily role involved designing database schemas in PostGres, debugging, testing, caching to make the code more reliable and efficient to use for the end-users.
 - Maintained a proper version control with BitBucket and code-checks by reviewers.
 - Technical Skills:** Java, SpringBoot with AOP, JPA, REST API, Lombok, PostgreSQL, Git.
 - Soft Skills:** Teamwork, Time Management, Communication, Presentation skills.

Achievements and Certifications

2024	Wells Fargo , Software Engineering Job Simulation- Designed and implemented a financial portfolio management system, defining data requirements, creating an entity-relationship diagram (ERD), and utilizing IntelliJ for development, with projects hosted on GitHub.	Forge
2023	AWS , Getting Started With Storage (AWS S3)	AWS Educate
2023	AWS , Introduction to Cloud 101	AWS Educate
2022	HacktoberFest , Participated in HactoberFest 2022 with successful open-source contribution on GitHub showcasing the ability to collab with other members	India
2020	Top 1 percent of 1 lakh candidates , West Bengal Joint Entrance Examination	India
2019	2nd Runner-Up , Regional Mathematics Olympiad	TIFR-ISI
	Solved 1000+ Problems , GFG and LeetCode	India

Activities

IEEE TECH TEAM

Collaborating with the whole tech team, delegating works regarding website building, scaling of microservices to increase participations and taking care of load balancing

SANSKRITI CONVENOR

Worked at one of the largest cultural fest of India. The Nine night long Cultural Fest of Jadavpur University requires all kinds of paradigms from managing the technical aspects to the onday events.

Interests

Football	I love playing football. I have represented my school team in the U-17 State Level Trophy
Technical Writing	I write descriptive blogs about Tech and finance some of them are on my Medium.
Video Games	I always had the gaming gene. I mostly play on my pc and occasionally on my phone.
Table Tennis	I started playing TT when I was a sophomore. While I feel defence is my stronger zone, I enjoy chops more often.

Languages

English	Professional proficiency
Hindi	Professional proficiency
Bengali	Native proficiency