Arpit Bhadani

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Summary

Pragmatic and results-driven Software Engineer with hands-on capabilities in developing projects using Java Spring Boot and React.js. Passionate about learning new technologies that helps in understanding how to apply and scale real-world applications.

Experience

Full Stack Developer Intern, Infosys Springboard, Remote   Mar'24 – Jun'24

EduHub Course Platform | ReactJs,Spring Boot,MySQL

- Developed RESTful APIs in Spring Boot for user registration, authentication, course listing, and enrollment.
- Integrated MySQL database for managing users and courses
- Built user dashboard and course pages using React.js to display enrolled courses and progress.

Google Developer Student Club, NSEC | Cloud Team Member   Oct'22 – Oct'23

- Built a community of developers on the college campus and have organized various events/workshops with an average attendance of over 200+ people.

Skills

- **Languages:** Core Java, Javascript (familier), HTML, CSS, Bootstrap
- **IT Constructs:** OOPS, DBMS, OS, CN
- **Libraries / Frameworks:** React, Express, Spring Boot
- **Databases:** MongoDB, MYSQL
- **Cloud Computing:** GCP
- **Problem Solving (Data Structures & Algorithms):** LeetCode | GeeksforGeeks | HackerRank

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Education

Bachelor of Technology in Computer Science, CGPA: 8.37/10   **Sept '21 – Jun'25**

Netaji Subhash Engineering College, Kolkata

- **Coursework**: Data Structures, Algorithms, DBMS, Computer Networks, Operating System, OOPS

Intermediate (CBSE), Percentage: 82   **April '21**

S.K.S Public School, Raniganj

Matriculation (CBSE), Percentage: 83   **April '19**

D.A.V Public School, Raniganj

Selected Personal Projects

Spencer's (POS Application) | ReactJs, NodeJs, MySQL   **Jun'24 – Feb'25**

- Built a responsive POS application using React, Node.js, and MySQL with real-time cart updates and dynamic order summaries.
- Utilized React hooks and component-based architecture to manage state across product listings and cart screens efficiently.

Huffman Algorithm | Java, HashMap, PriorityQueue   **Apr'24 – May'24**

- Developed a **Huffman Coding algorithm in Java** for efficient data compression and decompression.
- Utilized **HashMap, PriorityQueue**, and **custom tree structures** to calculate character frequency and build the Huffman Tree.
- Ensured data integrity and optimal compression using prefix-free binary codes for each character.

Flappy-Bird (Bird and Pipe Game) | Html, Css, Javascript   **Jan'23 – Feb'23**

- Developed a captivating and nostalgic Flappy Bird game using HTML, CSS, and JavaScript, showcasing my proficiency in front-end web development and game design.
- Implemented core gameplay mechanics, including player controls and collision detection using JavaScript.