

Abhinav Singh

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EDUCATION

Babu Banarasi Das Institute of Technology and Management <i>Bachelor of Technology (GPA: 7.20 / 10.0)</i> <ul style="list-style-type: none">• Relevant Coursework: Java, Data Structures and Algorithms, Software Engineering, Computer Network, Database Management System, Operating System, Web Designing	September 2021 - Present <i>Lucknow, Uttar Pradesh</i>
Rani Laxmi Bai Memorial School <i>Class XII Percentage(91.8%)</i>	April 2020 - March 2021 <i>Lucknow, Uttar Pradesh</i>
Rani Laxmi Bai Memorial School <i>Class X Percentage(93.8%)</i>	April 2018 - March 2019 <i>Lucknow, Uttar Pradesh</i>

TECHNICAL SKILLS

Languages: Java, Javascript, Python, C
Technologies: Springboot, ReactJS, ExpressJS, Bootstrap
Databases: SQL, MongoDB
Others: HTML, CSS, JPA, Hibernate, Problem Solving, Software Development, Object Oriented, Programming (OOPs), Data Structures and Algorithms (DSA), Git, Github
Soft Skills: Communication Skills, Teamwork, Leadership, Innovative, Quick Learner, Flexible

PROJECTS

Cafe Master <i>Java, Spring Boot, MySql</i> <ul style="list-style-type: none">• Developed a robust Spring Boot backend for Cafe Master to streamline cafe operations.• Implemented secure authentication and authorization with JWT tokens for Admin and User roles.• Designed RESTful APIs for seamless product and category management by admins.• Automated the generation of PDF bills from orders, ensuring accurate and professional billing for users.• Enhanced user engagement by incorporating email capabilities for notifications and updates.• Developed a robust Spring Boot backend for Cafe Master, ensuring code quality and maintainability by following industry-standard coding practices.	Link
NapX(IOT Machine) <i>NodeJS, ExpressJS, MongoDB, Arduino Programming</i> <ul style="list-style-type: none">• Backend Development: Built the backend for a menstrual pad vending machine using Node.js, Express.js, and MongoDB, adhering to coding standards and best practices to ensure reliable performance.• Collaboration: Led backend efforts in a team project, working closely with frontend developers and database administrators to integrate server-side logic and ensure seamless database management.• Arduino Integration: Programmed Arduino to fetch data from the machine and send it to the server.• Data Management: Created a server to process and store machine data in MongoDB.• API Creation: Developed APIs to display stored data on the project's website	Link

EXPERIENCE

Chegg Inc. <i>Subject Matter Expert in CSE</i> <ul style="list-style-type: none">• Successfully solved problems across a wide range of computer science topics, including algorithms, data structures and programming languages• Maintained an all-time rating of 4.5/5.0, indicative of consistently providing top-tier solutions and support to students• Leveraged strong analytical and problem-solving skills to provide clear and concise explanations.	Nov 2023 – Present <i>Remote</i>
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ACHIEVEMENTS AND CERTIFICATIONS

- Solved **200+** questions on various coding platforms like **Geeks For Geeks, Leetcode, Hackerrank.**
- Successfully completed **Frontend Development** Course: Coursera
- Continuously exploring new technologies and trends in software development, including advancements in Spring Boot and ReactJS