Abhishek Kumar Dwivedi

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EDUCATION

Chandigarh University   Mohali, Punjab
Bachelor of Engineering in Computer Science | CGPA - 8.7   *Sept 2022 – Jun 2026*

Jawahar Navodaya Vidyalaya   Surajpur, Chhattisgarh
AISSCE, Central Board of Secondary Education | Percentage - 95%   *Apr 2019 – Jun 2020*

Jawahar Navodaya Vidyalaya   Surajpur, Chhattisgarh
AISSE, Central Board of Secondary Education | Percentage - 97%   *Apr 2017 – Jun 2018*

PROJECTS

Doctor Appointment Booking Website | *MongoDB, ExpressJS, ReactJS, NodeJS*   Mar 2025
- Developed and deployed a full-stack **MERN Doctor Appointment Booking system**, integrating **React.js**, **Node.js**, **Express.js**, and **MongoDB**, ensuring scalable, secure, and efficient appointment scheduling.
- Implemented **JWT-based authentication and authorization** to enhance data security, ensuring secure patient-doctor interactions, while integrating **Stripe** payment gateway for seamless online transactions.
- Designed a **modern UI/UX** using **Tailwind CSS**, creating a responsive, intuitive, and accessible user interface, optimizing performance and enhancing user experience across devices.

Online Food Delivery Website | *ReactJS, Spring Boot, MongoDB, AWS, RazorPay*   Jul 2024
- Developed a comprehensive **full-stack food delivery web application** using **React.js** for the front-end and **Spring Boot** for the back-end, with **MongoDB** integrated for efficient and secure data management.
- Engineered and integrated scalable backend APIs for critical system functionalities, including admin panel, user registration, login, cart, and order processing, utilizing **Spring Boot** to ensure seamless user experiences.
- Implemented the **Razorpay payment gateway** to provide secure and reliable payment processing, while deploying the application on **AWS** for high availability, optimal performance, and scalability across multiple platforms.

Maze Solver | *HTML, CSS, JavaScript, Data Structures and Algorithms*   Feb 2024
- Developed a **Maze Solver web application** using **HTML**, **CSS**, and **JavaScript**, leveraging **Data Structures and Algorithms** to efficiently solve randomly generated mazes.
- Implemented path visualization with distinct colors for each search algorithm, including **DFS**, **BFS**, and **A* Search**, enhancing user interaction and understanding of algorithmic processes.
- Optimized maze-solving efficiency by applying advanced algorithms, ensuring real-time visual feedback and performance improvement for large, complex mazes with dynamic pathfinding solutions.

SKILLS

Languages: C++, JAVA, Python, JavaScript, HTML, CSS, SQL
Frameworks/Databases: ReactJS, ExpressJS, NodeJS, Spring Boot, Tailwind CSS, Bootstrap, MySQL, MongoDB
Developer Tools: Git, GitHub, Maven, VS Code
Coursework: Data Structures and Algorithms, Database Management System, Object-Oriented Programming, Operating System, Computer Networks, Cloud Computing, Internet of Things, Parallel and Distributed Computing
Soft Skills: Problem solving, Leadership, Team collaboration, Time management, Critical Thinking

ACHIEVEMENTS AND PARTICIPATION

- Participant, Code Rush Competition (2025) – Showcased active engagement in coding challenges.
- Scored 91% in NPTEL IoT Exam (2024-25) – Coursework on IoT, sensor networks, and embedded systems.
- Scored 83% NPTEL Cloud Computing Exam (2024-25) – Coursework on cloud architecture, virtualization, and distributed computing.
- Solved 500+ DSA problems – Strong algorithmic thinking, problem-solving, and coding efficiency.
- 5-Day Youth Empowerment Workshop (Art of Living, 2022) – Strengthened leadership, stress management, and soft skills.
- Selected for Sakura Science Exchange (Japan, 2019) – Represented India among 49 selected participants; engaged with global scientists, engineers, and experts.
- Recognized in Pariksha Pe Charcha 2.0 (2019) – Represented Chhattisgarh among fewer than 20 candidates, showcasing leadership and academic excellence.