AYUSH YADAV

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GitHub: GitHub Profile

CAREER OBJECTIVE

Motivated Computer Science student with strong skills in software development, data structures, and problem-solving. Passionate about leveraging technical expertise to build efficient and scalable software solutions in challenging roles.

TECHNICAL COMPETENCIES

- **Programming Languages:** Java, C, C++, Python, JavaScript
- **Frontend:** HTML, CSS, Bootstrap, Tailwind CSS, Ant Design, ReactJS, EJS
- **Backend:** NodeJS, ExpressJS
- **Databases:** MySQL, MongoDB
- **Version Control:** Git, GitHub

COURSE OUTCOMES

- Computer Networking
- Operating System
- DBMS
- Data Structure
- Algorithm

INTERPERSONAL SKILLS

Time Management | Leadership | Problem-Solving | Team Collaboration

INTERESTS & HOBBIES

Photography | Playing Cricket | Travelling

LANGUAGES KNOWN

English
Professional Working Proficiency
Hindi
Full Professional Proficiency

EDUCATION

Bachelors in Computer Science Engineering | Chandigarh University, Mohali, Punjab
Session: 2021-Present | Score: 8.24 CGPA

Intermediate (CBSE) |Divine Sainik School, Varanasi, Uttar Pradesh
Session: 2019-2020 | Percentage: 80.0%

Matriculation (CBSE) | Divine Sainik School, Varanasi, Uttar Pradesh
Session: 2017-2018 | Percentage: 91.0%

PROJECTS

Job Tracking Application ("Jobify") | April 2024 – October 2024
(**Live Project Link**)

- Engineered a responsive front-end with React and VITE, creating user-friendly pages like Landing, Register, and Dashboard to enhance UX.
- Implemented secure authentication with JWT to ensure data protection and user authorization across the platform.
- Optimized and deployed the application on Render, integrating MongoDB and full-stack functionality using the concurrently package for seamless performance.

Wanderlust Travel Application | May 2024 -October 2024
(**Live Project Link**)

- Developed a full-stack travel-booking platform utilizing MongoDB, Express.js, Node.js, and EJS (Embedded JavaScript) for efficient data handling and rendering.
- Integrated interactive maps and rich visual content to create an immersive, user-friendly booking experience that enhances user engagement.
- Engineered robust backend services to manage complex booking workflows and user interactions, ensuring seamless deployment on Render for optimal performance and scalability.

Expense Management System | June 2024 – September 2024

- Developed an online expense-tracking platform using the MERN stack, facilitating efficient budget management for users.
- Integrated detailed financial reporting features with progress bars and pie charts, enabling users to effectively track and analyze their expenses.
- Designed an intuitive user interface with Ant Design to enhance usability, while optimizing backend services to ensure accurate data processing and a seamless user experience.

ACADEMIC ACHIEVEMENTS

- Published a Research Paper on the topic "Couch Surfing Travel Platform" - *3rd International Conference on Optimization Techniques in the Field of Engineering (ICOFE-2024) (October 2024).*
- Published a Research Paper on the topic "Enhancing E-Learning Platform for Higher Education" - *TECHNOARETE INTERNATIONAL. (April 2024).*
- Published a Review Paper on the topic "Evolution Of Web Development Frameworks" – *INTERNATIONAL JOURNAL FOR RESEARCH IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY. (November 2023)*

CERTIFICATIONS

- Data Structures and Performance (06/2024)
  COURSERA-University of California San Diego
- The Java language (06/2024)
  COURSERA- Learn Quest
- An Introduction to Programming Through C++ (01/2022 - 04/2022)
  NPTEL_SWAYAM (IIT Bombay)
- Discrete Mathematics (Through SWAYAM) (07/2022 - 10/2022)
  NPTEL_SWAYAM (IIT Ropar, IIT Dharwad)