Prince Kumar Verma

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Technical Skills

Languages: Java, C++, Python,C
Technologies/Frameworks: MongoDB, SQL, JavaScript(ES6+), TypeScript, React, Node.js, Angular, Git, React Native
Skills: Data Structures and Algorithms, Responsive Web Design, Scripting in Python and JavaScript.
Tools/Platform: Git/Github, VSCODE, Linux

Training

CipherSchools

Full-Stack Development Using MERN Stack
  -Gained hands-on experience in building web applications using MongoDB, Express.js, React.js, and Node.js.
  -Implemented CRUD operations with MongoDB and Mongoose for database management.
  -Implemented secure backend development using Express.js with authentication middleware.
  -Deployed applications on cloud platforms like Vercel, Netlify, and Heroku.

Projects

Railway Reservation System

Technologies Used: HTML, CSS, JavaScript
  -Developed a dynamic train ticket booking system with an interactive UI for real-time ticket reservations and cancellations.
  -Implemented user authentication and form validation to ensure secure and accurate bookings.
  -Applied CSS and Bootstrap to create a mobile-friendly and visually appealing UI for an enhanced user experience
  -Integrated local storage to temporarily store user and booking data, reducing server dependency and improving responsiveness.

Learning Management System

Technologies Used: C Language
  -Developed a console-based Learning Management System (LMS) with an intuitive command-line interface.
  -Implemented a robust user authentication system to distinguish students from instructors, enabling role-based access.
  -Utilized file handling in C to store and manage course content, student progress, and grades efficiently.
  -Designed a structured and modular approach to support future enhancements and scalability.

Budget Planner

Technologies Used: MongoDB, Express.js, Angular, Node.js
  -Built a full-stack budget management system enabling users to track expenses in real time with interactive data visualizations.
  -Designed a responsive and dynamic Angular-based frontend with intuitive UI components for seamless user experience.
  -Integrated MongoDB and Mongoose to store financial transactions, budgets, and income records securely.
  -Optimized backend queries and database indexing to improve performance and reduce API response time by 30%.

Online Birth Certificate System

Technologies Used: PHP, HTML, CSS, JavaScript, SQL
  -Engineered a digital birth certificate application system to streamline certificate requests and approvals online.
  -Developed a user-friendly frontend using HTML, CSS, and JavaScript for an intuitive application submission process.
  -Utilized MySQL to efficiently manage certificate records, user applications, and verification processes.

Certifications

Full-Stack Development Using MERN Stack | CipherSchools(Issued: 2024)
DP, Greedy Algorithms | University of Colorado Boulder, Coursera (Issued: 2024)
ChatGPT Advanced Data Analysis | Vanderbilt University, Coursera (Issued: 2024)
Introduction to cloud computing |IIT Kharagpur, NPTEL (Issued: 2025)

Education

Lovely Professional University | Since September 2022
B.Tech in Computer Science | CGPA: 7.12

Saraswati Shishu Vidhya Mandir | 2019 – 2021
12th (Science) | Percentage:82%