Himanshu Pratap Singh Software Engineer

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EDUCATION

D.B.M.S English School, Jamshedpur

ICSE(X) | ISC (XII)   2010-2022

COMPUTER SCIENCE(PCM)   Jamshedpur,

Percentage: 90.4 % (X) | 80.2 % (XII)   Jharkhand

B. Tech (Electronics and Telecommunication)   2022-Present
Bharati Vidyapeeth College of Engineering   Pune, India

SKILLS

Programming Languages — Python, C/C++, Java | **Frontend Development** — JavaScript | **Backend Development** — MongoDB | **Database** — SQL, NoSQL | **Version Control System** — Git and GitHub | **CS Fundamentals** — Data Structures, Algorithms, OOPs and DBMS, HTML, CSS

PROJECTS

AgriConnect: A Flask-Based Platform for Farmer and Agro-Product Management |Link

- Developed a comprehensive Farmer Management System using Python Flask and MySQL, enabling efficient management of farmers' details, agricultural products, and farming types.
- Implemented secure user authentication and role-based access control with Flask-Login.
- Designed database models with SQL Alchemy for seamless data management and retrieval.
- Built CRUD operations with search and filter capabilities to enhance user experience.
- Integrated user-friendly interfaces with HTML templates and Flask rendering.

Responsive ISRO Website Clone | Link

- Developed a responsive ISRO website clone using HTML, CSS, and JavaScript, simulating space missions and updates.
- Implemented dynamic navigation menus and interactive sections like "Upcoming Launch" and mission pages.
- Utilized SVG animations and mobile-responsive design with a hamburger menu for seamless cross-device usability.
- Optimized website with reusable components for navigation and buttons, ensuring consistency and maintainability.
- Integrated external assets and media, replicating the official ISRO website's visual design and functionality.

ACHIEVEMENTS

Head of Community Relations at Blotic – Club is dedicated to Web 3, blockchain technology, and AR/VR. My leadership ensures effective engagement with members and stakeholders. Blotic thrives as a hub for cutting-edge technological discussions and partnerships.

CERTIFICATES

- Cloud Computing – **Duke University**