SURYA PRATAP SINGH

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Education

Madhav Institute of Technology and Science (MITS), Gwalior, Madhya Pradesh, India	**Nov 2022 - May 2026**
Bachelor of Technology in Computer Science Engineering	**CGPA: 7.60**
St.Paul's Convent Sr. Sec. School, Ujjain, Madhya Pradesh, India	**2019 - 2021**
Intermediate	**Percentage: 93%**
St.Francis Academy, Auraiya, Uttar Pradesh, India	**2018 - 2019**
High School	**Percentage: 90%**

Experience

MERN Stack Intern, Codec Technologies, Remote — May 2025 - July 2025

- Developed and optimized full-stack web applications using MongoDB, **Express.js**, **React.js**, and **Node.js**.
- Implemented RESTful **APIs** and integrated frontend with backend services for seamless data exchange.
- **Debugged,** tested, and **deployed** MERN stack projects, gaining hands-on industry experience.

Projects

KaamWala.in – Daily Wage Worker Booking Platform Git Repository

- Developed a location-based web app enabling users to book local service providers (e.g., plumbers, electricians) in semi-urban areas/town with bilingual support: English + Hindi.
- Built with React.js (frontend) and Node.js/Express + MongoDB (backend) with secure JWT authentication.
- Integrated MongoDB with geospatial queries to match users with nearby service providers.
- Implemented real-time booking, profile management, and calling features for seamless service coordination.

Hydra-IdMorpher Git Repository

- Engineered a full-stack application to perform CRUD-like operations, featuring a decoupled frontend in React and a backend REST API built with Node.js and Express.
- Developed a secure and scalable REST API with distinct endpoints (GET, PUT) to fetch and update specific documents from a MongoDB collection using unique object IDs.
- Implemented robust backend logic using Mongoose to define data schemas and interact with the MongoDB database, ensuring data integrity and efficient queries.

Skills and Technologies

Language, Libraries, Database and Cloud Services: C++, **JavaScript, React.js**, npm, **Node.js, CSS,** MongoDB, **HTML,** Bootstrap, Object-Oriented Programming (OOP) Concept, Pug, **AWS** Fundamentals, Git,

Technologies: MS Visual Studio Code, **GitHub**, REST APIs, MS Office 365, Postman API, SQL, **UI/UX Design,**

Coursework: Operating Systems, **Java**, Computer Networks, Object Oriented Design, **Data Structures and Algorithms,** TCP/UDP, DAA, Project Development Methodologies.

Achievements, Certifications and POR

- Coordinator at **Indian Society of Technical Education (ISTE-SC)** MITS since 2nd year, working with a team to handle events.
- Completed a job simulation at **Deloitte Australia Technology** involving development and coding, and wrote a proposal for creating a dashboard.
- **Postman Student Expert** working on Fundamentals of API.
- Earned **NPTEL** certification in "User-Centric Computing for Human-Computer Interaction", gaining hands-on knowledge of HCI principles and usability design.
- Certified by **Infosys** in 'Machine Learning with C++', demonstrating the ability to implement ML algorithms in an optimized, low-level programming environment.
- Certified by **IBM** in 'Deep Learning Fundamentals', acquiring foundational knowledge of neural networks and AI model development.