

Shivam Kumar Singh

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Education

Indian Institute of Technology Indore

Nov 2020 - May 2024

Bachelor of Technology in Metallurgical Engineering and Materials Science | CPI: 7.66

Experience

Jain Software Pvt. Ltd.

May 2023 – July 2023

Full Stack Software Developer Intern

Raipur, Chhattisgarh

- Got hands on experience in PHP and Full Stack Application development to the forefront.
- Demonstrated proficiency in: HTML, CSS, JavaScript, Ajax, Bootstrap, API development, Server-side scripting, Request handling and MySQL Database integration.
- Contributed 500+ lines of code to the repositories in major projects.

Freelance Developer

Aug 2023 – Nov 2023

Full Stack Web Development

- Independently managed projects utilizing a versatile tech stack encompassing Node.js, Next.js, React.js, NoSQL databases, API development, TailwindCSS, backend integration and more.
- Delivered tailored solutions within specified timelines, showcasing expertise in both frontend and backend development.

Projects

AI-Virtual Paint App | I'm beside you Inc. (Tokyo, Japan)

GitHub

- On-campus internship project by Tokyo-based tech firm,
- Utilized HTML5, CSS, Bootstrap, with modern UI integrated in flask, python implementing functionality of OpenCv and MediaPipe.
- The Application captures real-time webcam images, processes them dynamically with OpenCV and MediaPipe, and creates a responsive canvas and users can interact with the live feed by sketching, through hand motion detection.

Web Portal | Nano Materials Laboratory | IIT Indore.

GitHub, Website

- Utilized fundamental skills in HTML, CSS, and JavaScript to design and implement a Modern User Interface for institute's laboratory.
- Conducted thorough testing to identify and eliminate any potential bugs, ensuring a seamless and error-free user experience.
- Successfully deployed on the institute's server, ensuring the connectivity within the research field globally.

Student Profile Portal

GitHub

- College students profile management system for a college website.
- Crafted a responsive web portal for students using HTML5, Bootstrap, CSS, PHP (backend), and PHPMyAdmin (Database), utilizing advanced TCP/IP and SMTP protocols.
- Functionality: Student Registration/Login with OTP email verification, Profile Management, Fees Payment Option for registered students.

Technical Skills

Languages: C/C++, HTML, CSS, Javascript.

Technologies: SQL, Node.js, express.js, Bootstrap, TailwindCSS, Android development.

Tools/Frameworks: Git/GitHub, Next.js, MongoDB, MySQL workbench.

Computer Fundamentals: Data Structures and Algorithm, Database Management System (DBMS), Operating System (OS), Object-Oriented Programming and Computer Networks.

Achievements

- Geeksforgeeks Mega Job-a-thon for freshers top scorer: 141.5 / 175 | 1350+ overall score, solved 500+ problems.
- Leetcode: highest rating 1,570 with 350+ problems solved.
- InterviewBit: recognized as Programming Ninja! with 250+ problems solved.