

# Devansh Shrivastava

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## EDUCATION

**B.Tech**, Computer Science & Engineering  
Bhilai Institute of Technology, Durg (C.G.)

Nov 2021 - Nov 2025  
**CPI: 8.6**

## PROFESSIONAL EXPERIENCE

### IIT Bhilai

July 2024 - Present

Blockchain Project Intern

Hybrid

- Develop decentralized finance (**DeFi**) applications and design the software architecture for a Solar Energy Trading Project, enhancing project efficiency.
- Employ **Hardhat** and **React.js** as development tools, optimizing the software development platform for robust and scalable solutions.
- Construct smart contracts using **Solidity** to facilitate secure and reliable energy and financial transactions between producers and consumers.

### MedC

May 2024 - Sep 2024

Web Developer (Freelance)

Remote

- Developed a startup website from scratch, establishing a scalable **web architecture**, writing neat and efficient code for widgets and **User Interface (UI)**.
- Built responsive user interfaces using **React.js**, **Tailwind CSS**, and **Material Tailwind**.
- Created server endpoints using **Express.js**, utilizing packages like **nodemailer** and **multer**, and integrated **Cloudinary** for efficient file uploads to the **cloud**, improving file handling and storage efficiency.
- Set up easy sign-in and sign-up with Google using **Google OAuth Console**, simplifying user authentication and increasing registration rates.
- Utilized **MongoDB** as the database for efficient data storage and retrieval, enhancing database performance and scalability.

## PROJECTS

**Otp Verification:** Service to verify your email

[\(Link\)](#)

**Tech Stack:** Node.js, Express.js, Nodemailer, React.js

- Nodemailer Integration: to send OTP to the user's email.
- OTP Validation: The system checks and confirms the correctness of the entered OTP.

**QR Code Generator:** Service to generate QR code

[\(Link\)](#)

**Tech Stack:** Node.js, Express.js, React.js

- Custom Data Input: Allows users to generate QR codes by entering text, URLs, or other types of data.
- Rename Functionality: Users can rename the generated QR code files for easy identification and organization.
- Download Capability: Enables users to download the generated QR codes in various formats for future use.

**Custom Backend:** Personalized Github repository

[\(Link\)](#)

**Tech Stack:** Node.js, Express.js, MongoDB

- Comprehensive GitHub Repository: Developed a personalized repository tailored for backend developers, facilitating easy access and collaboration.
- Practical Endpoints: Created a suite of practical API endpoints to handle common backend functionalities, development processes.

## TECHNICAL SKILLS

**Development:** React.js, Node.js, Express.js, JavaScript

**Database:** MongoDB, Firestore Database, MySQL

**DBMS:** phpMyAdmin, MySQL Workbench

**Operating Systems:** Windows, Ubuntu

**Programming Language:** Java, Python