

# ATUL PATEL

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## Experience

### Energy ventures Pvt. Ltd.

Sept 2024 - Present

#### Associate Software Development Engineer

On-Site, New Delhi

- Designed and implemented highly scalable software solutions, significantly improving overall user experience and system performance across various platforms.
- Optimized application performance by integrating advanced algorithms and efficient data structures, resulting in faster processing times and reduced resource consumption.
- Utilized cutting-edge development tools and industry best practices to streamline development workflows, enhance team collaboration, and boost productivity across multiple projects.

### Sprite Era IT solution Pvt. Ltd.

June 2024 - Aug 2024

#### Software Developer - MERN

Remote, U.P.

- Evolved to 2+ real-world projects with **API Integration**, and **JWT Authentication** focusing on security features.
- Immersed in **React.js** and **Tailwind CSS** for creating complete **user interface** of the 2 major project.
- Developed and maintained web applications, implementing Redux for state management, robust user authentication, and Redis for rapid data access.
- Designed, implemented, and optimized MongoDB databases, incorporating cryptography techniques to ensure secure data communication.

## Personal Projects

### E-LEARNING SITE | *Next.js, NextAuth, TypeScript, Tailwind CSS, MongoDB, Express Js, Node Js*

Live

- **GitHub Link:** [https://github.com/Atulp48/Elearning\\_Frontend](https://github.com/Atulp48/Elearning_Frontend)
- Constructed a comprehensive E-Learning platform, utilizing **Next.js** for the frontend, **Express.js** for middleware management, and **MongoDB** as the database with an aggregation pipeline for data handling, efficiently managing over **100+** courses entries and customer interactions.
- Enforced **NextAuth** for secure authentication, ensuring user privacy, leading to a **30%** increase in user registrations.
- Enhanced email communication with **Resend Email** service for Email OTP verification, achieving a **20%** increase in user retention and **95%** success rate in email delivery.
- Optimized the application's performance using **Tailwind CSS** reducing page load time by **50%** and improving user satisfaction by **40%**.

### ELECTRONICS-STORE | *React Js, Node Js, Express Js, MongoDB, Redux*

Live

- **GitHub Link:** [https://github.com/Atulp48/E\\_store.front](https://github.com/Atulp48/E_store.front)
- Built a fully responsive e-commerce platform using the **MERN stack**, featuring a **React.js** frontend and a **Express.js** backend, **MongoDB** for database, **Multer** for file uploads, and **JWT** for authentication.
- Performed **CRUD** operations, optimizing product and user management for **35+** products and **10+** users.
- Developed a robust Admin Panel with role-based access control, enabling efficient product management, order tracking, and user administration, leading to a **30%** increase in operational efficiency.
- Achieved a **40%** improvement in site responsiveness and a **60%** reduction in loading times, enhancing user experience

## Technical Skills

**Languages:** JavaScript, C, C++

**Libraries/Frameworks:** React.js, Next.js, Vite.js, Node.js, Express.js, Material UI, Redux

**Web Technologies:** HTML, CSS, JavaScript, TypeScript, Tailwind CSS, Bootstrap

**Database/Version Control:** MongoDB, SQL, Git, Github

**Technical Concepts:** Data Structure and Algorithm, Object-Oriented Programming

## Education

### Government Engineering College Sonbhadra

Batch: 2020-2024

#### B.Tech in Computer Science And Engineering

CGPA: 7.47

## Achievements/Certification

- Udemy Certified: Web Development
- Solved **400+** **DSA** questions across multiple coding platforms like **GeeksForGeeks**, **Leetcode** etc.