

# UJJAWAL SHARMA

MERN Stack Developer — Full-Stack Developer — Open Source Contributor

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[GitHub](#) — [LinkedIn](#)

## Objective

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Motivated and detail-oriented 3rd-year B.Tech student in Electronics and Computer Engineering, passionate about full-stack development and solving real-world problems through innovative code. Seeking to leverage strong technical and analytical skills in a dynamic software development environment.

## Education

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**J.C. Bose University of Science and Technology, YMCA Faridabad**

B.Tech – Electronics and Computer Engineering

2022 – Present (Currently in 3rd Year)

## Technical Skills

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**Languages:** C++, Python, JavaScript, TypeScript, SQL

**Web:** HTML, CSS, Node.js, Express.js, React.js, MongoDB

**Tools:** Git, GitHub, Postman, Vercel, Render, MS Excel, MS Word, PowerPoint

**Concepts:** Frontend and Backend Fundamentals, REST APIs, DSA, OOP, OS, DBMS, CN

## Projects

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**AI Chat Bot** – Node.js, Express.js, GROQ

[Live Link](#) Developed a real-time AI-powered chatbot using GROQ API, handling 1000+ user conversations. Optimized API efficiency and reduced response latency by 35%, improving user experience.

**Document Converter** – Node.js, Express.js, File Handling

[Live Link](#) Engineered an automated document converter supporting PDF, DOCX, and TXT formats. Achieved 99% conversion accuracy across 1000+ processed files with robust error handling and optimized file I/O operations.

**Fitness Tracker App** – Node.js, Express.js, MongoDB

Built a full-stack fitness tracking platform with secure user authentication (JWT), tracking 500+ workout logs. Enhanced database performance by indexing queries, reducing load time by 40%.

**College Event Management Site** – Node.js, Express.js, MongoDB

Developed an interactive college event management system with dynamic registration and automated email notifications. Increased student participation by 50% and reduced manual management time by 70%.

**Minor Projects:**

**URL Shortener** – Node.js, Express.js

Created a RESTful API generating short URLs with click tracking, serving 1000+ short URLs.

**Recipe App** – JavaScript, TheMealDB API

Integrated public API to display 1000+ recipes with advanced filtering and mobile-first design.

## Experience

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**Subject Matter Expert (SME) – Chegg (Remote)**

Sep 2023 – Oct 2023

Solved academic questions with accuracy and detailed explanations. Delivered clear and timely responses to student queries.

**Subject Matter Expert – Brainly (Remote)**

Jun 2023 – Dec 2023

Generated and verified high-quality academic questions. Maintained educational standards and consistency across answers.

## Certifications

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**Responsive Web Design – FreeCodeCamp**

Jun 2025

Completed 300+ hours of project-based training in HTML5, CSS3, Flexbox, Grid, and Web Accessibility. Developed responsive websites with semantic HTML and mobile-first design.

<https://freecodecamp.org/certification/ujjawal21-cric/responsive-web-design>