







Jadeja Krishnapal Singh

FULL STACK DEVELOPER

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Summary

Aspiring Software Developer with hands-on experience in MERN & PERN stacks, C++, and Java. Intrigued with web development and AI, and with experience in developing scalable full-stack applications. Examples of completed work include an ecommerce website and a dynamic user-based quiz generator web application. Currently engaged with a live project at university about the assessment of SGPs, internship reports, and exams. Proficient in creating effective, sustainable code and providing effective solutions.

Education

Charusat University	March 2023 - 2027
B.Tech-Computer Engineering	9.06 CGPA

Projects

Live Reporting System

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

University Evaluation Web Application for managing SGPs, internship reports, and exam results. Enables students to track submissions and receive faculty feedback, streamlining the academic evaluation process.

- Robust APIs & Models: Designed scalable APIs and schemas for student submissions and company data.
- Excel Import: Enabled bulk upload of student and company records via Excel integration.
- Auto Certificate Generation: Automated NOC generation using live company data.
- Project Allocation: Built team-wise allocation with dynamic project ID and guide assignment.
- Approval Workflow: Implemented request-approval APIs with conditional database insertion and reviewer feedback.

QuiziFY

Tech Stack: MongoDB, Express.js, Node.js, EJS, TailwindCSS

 [Link](#)

Secure Quiz Web Application with JWT authentication, role-based access, real-time timers, and automated scoring.

- MongoDB Schema Design: Structured schemas for users, quizzes, and results.
- Admin Panel: Full CRUD for quizzes with control over content, timing, and format.
- AI Quiz Generation: Used Gemini API to generate topic-based questions dynamically.
- Real-time Timer & Scoring: Session timers with auto scoring and result persistence.
- Results API: Instant feedback with scores and correct answers post-submission.

ZapLink

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

 [Link](#)

Built a secure file-sharing platform where users upload content (PDFs, images, videos, links, etc.) to generate QR codes and short URLs instantly.

- Designed user flow: QR type selection → content upload (with optional password/self-destruct) → QR customization & preview.
- Developed backend with Node.js, Express, TypeScript, and Prisma (PostgreSQL), using Cloudinary for file storage.
- Enabled anonymous sharing with optional password protection and auto-expiring QR links.
- Supported multiple content types and generated unique, customizable QR codes with logo and frame options.
- Delivered share/download functionality with real-time QR preview.

Skills

Database: MongoDB, PostgreSQL, MySQL

Backend: Node.js, Express.js, Prisma, Sequelize, REST APIs, Socket.IO

Frontend: React.js, Javascript, Typescript, EJS, HTML, CSS, TailwindCSS

Languages & Core: C, C++, Java, Python, Data structure and Algorithms

DevOps & Tools: Git, Github, Postman, Docker

Certifications/Participations

- NPTEL – Data Structures & Algorithms Certification([Certificate](#))
- Smart India Hackathon Participation
- Nirma University Hackathon Participation([Certificate](#))