PANKAJ PATWAL

+91 7302844750 ⋄ Haldwani, Uttarakhand, India

email ⋄ LinkedIn Profile ⋄ LeetCode ⋄ GitHub Profile

EDUCATION

Bachelor of Technology (CSE), Graphic Era Hill University   8.23 CGPA, Expected 2026

SKILLS

Languages	Java, JavaScript, HTML, SQL
Tech Stacks	React.js, Express.js, Node.js, MongoDB, Firebase, Socket.IO, JWT, Tailwind CSS, Git, Bootstrap
Tools	VSCode, GitHub, npm, Docker, Postman, Render
Soft Skills	Communication, Problem Solving, Teamwork, Leadership, Time Management

PROJECTS

AI-Powered ATS Resume Analyzer *Live*

Developed an intelligent ATS system using React and Node.js that analyzes resumes with AI models (Google Gemini & OpenAI), providing comprehensive optimization feedback and ATS compatibility scoring.

Implemented secure document processing for PDF and DOCX formats using Mammoth and PDF.js libraries, with Firebase authentication and admin SDK for robust user management.

Built RESTful APIs with Express.js featuring Helmet security middleware and Multer for multi-format file uploads, ensuring seamless document analysis workflow.

Tech Stack: React, Node.js, Express.js, Firebase, Google Gemini AI, OpenAI, Mammoth, PDF.js, Multer, Helmet

Real-Time Chat Application *Live*

Engineered a high-performance real-time chat application using MERN stack and Socket.IO, enabling instant messaging with minimal latency across multiple concurrent connections.

Integrated robust JWT-based authentication system for secure user sessions, strengthening security and implementing role-based access control.

Architected and optimized RESTful APIs improving message synchronization and delivery, enhancing overall system responsiveness and performance.

Tech Stack: MongoDB, Express.js, React.js, Node.js, Socket.IO, JWT, Docker

Confess – Anonymous Sharing Platform *Live*

Built a full-stack web application enabling users to post and explore confessions, poems, and stories anonymously with a secure and personalized experience.

Developed a responsive and modern frontend using React, Tailwind CSS, and DaisyUI, ensuring smooth cross-device accessibility and intuitive UI design.

Implemented a robust RESTful backend API with Express and MongoDB, supporting scalable data management with optimized query performance.

Integrated Clerk for secure authentication and role-based access control, deployed on Render with automated CI/CD achieving 99% uptime.

Tech Stack: React, Tailwind CSS, DaisyUI, Node.js, Express, MongoDB, Clerk, Render

ACHIEVEMENTS

- Solved 500+ problems on LeetCode, attaining a rating of 1757 and ranking in the top 9%, demonstrating advanced proficiency in algorithms, data structures, and problem-solving.
- Ranked 63rd in CodeChef Starters 155 contest, optimizing algorithms under timed conditions and showcasing strong competitive programming skills.
- Spearheaded a team to the semi-final round of Flipkart Grid 6.0, driving innovative technical solutions, strategic planning, and leadership under high-pressure scenarios.

CERTIFICATIONS

- **Full Stack Web Development** (Angela Yu, Udemy), covering HTML, CSS, JavaScript, Node.js, React, PostgreSQL with hands-on project development.