

Pranav Chaturvedi

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TECHNICAL SKILLS

Programming Languages: C, Java, Python, JavaScript, TypeScript, Bash, PL/SQL

Frontend: React.js, Next.js, HTML5, CSS3, Tailwind, Bootstrap, Three.js

Backend: Node.js, Express.js

Database: MongoDB, MySQL, Oracle, Firebase

Tools: Git, GitHub, Docker, Postman, REST APIs, Websockets, Webhooks, OAuth2

Cloud: AWS Services (EC2, S3, VPC, CloudFront), Apex

Libraries: Axios, ShadCN, Material UI, Tailwind CSS, Bootstrap, Zustand, Redux, Lodash

Core Subjects: DSA, OOPs, OS, DBMS, Computer Networks, Cybersecurity

WORK EXPERIENCE

Accenture

Gurugram

Software Engineer

OCT 2024 - April 2025

- Built a **real-time chatbot** with automated URL-shortening, improving message readability and cutting average message length by 35%.
- Engineered WebSocket-based message interception, delivering sub-**100ms** URL-shortening latency and **99.9%** uptime during peak usage.
- **Delivered** a command-driven workflow to retrieve original URLs and integrated history APIs for context-aware responses.
- **Architected and deployed** a fault-tolerant delivery pipeline with acknowledgements and retries, achieving **98%+** successful delivery under intermittent networks.

Unicraft Tech

Gurugram

Fullstack Developer

NOV 2023 - OCT 2024

- Developed a collaborative **real-time code editor** (TS, Node.js, MongoDB, WebSockets) serving **1,500+ users** with **150ms sync latency**; integrated RBAC + version control for teams.
- Developed a scalable **resume parsing microservice using Node.js, Python, Express, and SpaCy NLP**—processed **10,000+ resumes with 95.6% field-level accuracy** for skills, education, and work history; deployed via Docker, enabled asynchronous file handling, and reduced resume-to-result latency by 42% through stream-based parsing and using optimised pre-trained model.

PROJECTS

AutoApply - [GitHub](#)

Tech Stack: ExpressJs, NodeJs, Mongodb, Docker

AUG 2025

- **Constructed** an optimised backend in TypeScript and Express.js to scrape and aggregate job listings from Naukri, LinkedIn, and Glassdoor using dynamic skill-based queries.
- Integrated MongoDB for storage and Redis CLI for caching, **reducing API response times by up to 60%** and boosting throughput under high load.
- **Automated** cron-based job scheduling and intelligent retry mechanisms, maintaining **99%+** data freshness across all platforms.

Devender - [GitHub](#)

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

Jun 2024

- **Built** a scalable MERN stack web application for developer networking—supported **5,000+ concurrent users** with 99.9% uptime via a microservices-based backend.
- **Devised** a secure authentication system with JWT, cookies, and bcrypt.js; implemented RBAC and middleware to reduce unauthorised access attempts by **95%+**.
- **Enhanced** backend efficiency using advanced MongoDB queries, compound indexing, and optimised pagination—achieved **50% faster** load times and **40% more accurate** match suggestions.

V-Chat - [GitHub](#)

Tech Stack: React, tailwindcss, JavaScript, ExpressJs, Nodejs, Mongodb

April 2024

- **Created** a real-time chat application with React.js frontend, Node.js + Express.js backend, and MongoDB—supporting **1,000+ concurrent users**.
- Integrated WebSocket for instant message delivery and typing indicators with sub-**200ms** latency, ensuring seamless real-time communication.
- **Introduced** features like message history retrieval, online presence tracking, and room-based conversations, increasing engagement by **30%** and retention by **25%**.

EDUCATION

NIET

Bachelor of Technology - Computer Science

Greater Noida

OCT 2020 - MAY 2024

ACHIEVEMENTS AND CERTIFICATIONS

- Finalist Smart India Hackathon. [Link](#)
- 4+ Hackathons Winner.
- Solved **300+ DSA Questions** on platforms like [LeetCode](#), [GfG](#), and [Codechef](#).
- IBM **Cybersecurity Analyst** certification at [Coursera](#).
- Achieved **Certified Ethical Hacker** certification at [Ec-council](#).
- Achieved **NodeJs ReactJs** certification at [Coursera](#).
- Achieved **Reactjs** certification at [Infosys](#).
- Achieved **NodeJs ReactJs** certification at [Coursera](#).
- Achieved **7.0** band in IELTS General Test [IELTS](#).