

PRANAV CHATURVEDI

+91-7827804030 Email LinkedIn Github Leetcode Portfolio

Experience

Accenture

10 2024 – 05 2025

Associate Software Engineer

Gurugram

- Developed a real-time chatbot that automatically shortens URLs exceeding 50 characters, enhancing message readability and user experience in conversations.
- Implemented real-time message processing using WebSockets to intercept incoming messages instantly and apply dynamic URL shortening logic.
- Enabled users to retrieve original URLs using command-based inputs and integrated APIs to access previous chat history for contextual responses.
- Built a fault-tolerant delivery system with acknowledgement tracking and retry logic to ensure reliable message delivery despite client-side network instability.

Unicraft

11 2023 – 10 2024

MERN Stack Developer

Gurugram

- Built and deployed a real-time collaborative code editor using TypeScript, Node.js, MongoDB, Express, Docker, and WebSockets—served over 1,500+ users, enabled live code editing with session sync latency under 150ms via event diffing and socket throttling; integrated role-based access control (RBAC) and versioned Git-style file structure to support team-based development workflows.
- 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.

TECHNICAL SKILLS

Languages: Java, JavaScript, SQL, PL/SQL, NoSQL, HTML, CSS, Bootstrap, Bash, TypeScript
Developer Tools: Postman, Git, Github, Linux, Docker, OAuth2, Websockets, Webhooks, Rest APIs
Frameworks: React.js, Next.js, Three.js, Node.js, Express.js
Databases: MySQL, MongoDB, Firebase, Oracle
Cloud: AWS Services (EC2, S3, VPC, CloudFront), Apex
Libraries: Axios, ShadCN, Material UI, Tailwind CSS, Bootstrap, Zustand, Redux, Lodash
DEVOPS-IaC: Terraform, GitHub Actions

EDUCATION

NIET

B.Tech - CGPA - 8.2

Gr. Noida, UP

PROJECTS

Resume-Parser | Js, Python, NodeJs, Express.Js, Spacy NLP, AI-ML

06 2025

- Developed and deployed a robust resume parsing microservice using Node.js, effectively serving static files and parsing candidate resumes with seamless integration of SpaCy NLP models to extract structured data.
- Leveraged machine learning techniques by integrating pre-trained SpaCy models, optimising parsing accuracy, and enabling automated extraction of critical resume information such as skills, experience, education, and personal details.

Devender | Js, ReactJs, NodeJs, MongoDB, Express.Js

02 2025

- Designed and developed a scalable MERN stack web application enabling developers to create profiles, send/accept connection requests, and collaborate—implemented a microservices-based NodeJs backend with MongoDB for robust matchmaking and user management.
- Built a secure authentication system using JWT, cookies, and bcryptjs for encrypted password management, protected routes with custom middleware, and implemented role-based access controls to safeguard user data and endpoints.
- Optimised backend performance and user feed logic through advanced MongoDB queries, compound indexing, and efficient pagination—excluding already connected or ignored users to deliver personalised and fast-loading suggestions.

Chat App | Js, ReactJs, NodeJs, MongoDB, ExpressJS

07 2024

- **Developed a real-time chat application with ReactJs frontend, Node.Js backend, and MongoDB as the primary data store.**
- Integrated WebSocket communication to enable real-time messaging between users with instant delivery and typing indicators
- Implemented features like message history, online presence tracking, and room-based conversations.

Blog Backend | Node.js, Express.js, MongoDB, AWS S3

04 2024

- **Built a scalable RESTful backend for a blog application using Node.js and Express.js, enabling robust HTTP request handling and API endpoint management.**
- Implemented user authentication and role-based authorisation using JWT (JSON Web Tokens) for secure access control, and bcrypt for password hashing to ensure data security.
- Employed express-validator for request validation to maintain data integrity and reduce vulnerability exposure through API inputs.

EzeAgro | ReactJS, NodeJS, ExpressJS, Firebase

12 2023

- **Engineered and prototyped advanced sensors for soil moisture, temperature, and humidity; enabled real-time wildfire detection, cloud analytics, and wildlife deterrence, reducing response time by 50%.**

3D-Tshirt | React, TailwindCSS, ThreeJS

03 2023

- About Project **Create your own style with our new 3D Swag Customization App. Select colours, add logos, and explore AI designs to create your virtual swag with a unique look. Built using React.js, Three.js, and OpenAI to show the usage of a 3D world with AI.**

CERTIFICATIONS

- CEH v13
- Cybersecurity Analyst - IBM
- ReactJS - Infosys
- Network Security - Paloalto
- CCT - Ec Council
- OOPS Java - Coursera
- NodeJS with React & DB - Coursera
- CC - isc2
- Java Script - Coursera