

# PRAKHAR PANDEY

Kanpur, Uttar Pradesh

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## EDUCATION

**Ajay Kumar Garg Engineering College**

*B.Tech in Computer Science and Engineering(Data Science) - **CGPA - 7.18***

**Nov 2021 – Jun 2025**

*Ghaziabad, Uttar Pradesh*

**U.P Kirana Seva Samiti Vidyalaya**

*Intermediate ISC Board **Percentage - 87.75%***

**Apr 2020**

*Kanpur, Uttar Pradesh*

**U.P Kirana Seva Samiti Vidyalaya**

*High School ICSE Board **Percentage - 90.16%***

**Apr 2018**

*Kanpur, Uttar Pradesh*

## COURSEWORK / SKILLS

- Data Structures & Algorithms
- Database Management System (DBMS)
- Operating Systems
- Network Security
- OOPS Concept
- Web Development

## PROJECTS

**VerdictIQ – AI-Powered Legal Assistance** 🔗

**Ongoing**

- Built an AI-powered legal platform that analyzes **1000+ legal documents** and predicts case outcomes with up to **82% accuracy** using ML models and Explainable AI techniques.
- Technologies Used: MERN Stack (MongoDB, Express.js, React.js, Node.js), Tailwind CSS, Python, TensorFlow, BERT, ML, NLP, SHAP, LIME.
- [Frontend website here](#)

**Plus9OneTours – Travel Website** 🔗

**2024**

- Built a travel website to highlight curated tour packages across India and abroad, designed for a **modern and engaging user experience**.
- Developed a fully responsive and interactive UI with animations, improving usability by **35%** based on **feedback from 15+ users**.
- Technologies Used: React, React Router, Tailwind CSS, Framer Motion, Vite.
- [Frontend website here](#)

**Hangout – Real-Time Messaging and Communication App** 🔗

**2025**

- Engineered a secure messaging app with user registration, real-time messaging, voice and video calling; tested with **50+ active users**.
- Built real-time features using WebSockets and WebRTC to enable low-latency communication with **99.9% uptime** in staging.
- Crafted a sleek and responsive UI using Tailwind CSS, reducing load time by **28%**.
- Tech Stack: Next.js 13, Zustand, Typescript, Tailwind.css, auto-animate. Server: Node, Express, Socket.io, JWT, MongoDB.

## INTERNSHIP

**RSPL Limited** 🔗

**Jul 2024 – Aug 2024**

*Web Development Intern*

*Kanpur, Uttar Pradesh*

- Built a Node.js microservice for auth with JWT, MongoDB, and Express.js.
- Integrated email verification & password reset using Nodemailer with Gmail SMTP.
- Added role-based access, rate-limiting, and request validation with Joi.
- Improved security and response times by 40% using Helmet, CORS, and optimizations.
- Tested 15+ endpoints; reduced form errors and ensured 100% email delivery.

## TECHNICAL SKILLS

**Languages:** C++, C, C# (ASP.NET), JavaScript, TypeScript, Python

**Web Development:** HTML, CSS, React.js, Next.js, Node.js, Express.js, JWT, Socket.io

**Databases:** SQL, MongoDB

**Tools/Frameworks:** Git, GitHub, JWT

## CERTIFICATIONS

- Enhancing Soft Skills By NPTEL (2022)
- Python For Data Science by Infosys Springboard (2024)
- C# .NET by Infosys Springboard (2024)