

PRAKHAR PANDEY

Kanpur, Uttar Pradesh

📞 [Phone](#) ✉ [Email](#) 🔗 [Linkedin](#) 🐙 [Github](#) 📁 [Portfolio](#)

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

- Group project to build an AI-powered legal platform that offers **case classification**, **outcome prediction**, and **document summarization** for legal professionals.
- Led **frontend and backend development**, integrated AI model APIs (OpenAI) for summarization; ML models for predictions were built by teammates.
- Technologies Used: React.js, Node.js, FastAPI, MongoDB, OpenAI API, scikit-learn, Python.
- [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 & INTELLECTUAL PROPERTY

- Python For Data Science by Infosys Springboard (2024)
- C# by Infosys Springboard (2024)
- **AI-Driven Image Analysis System for Automated Medical Diagnosis and Prognostics**

Filed: April 8, 2025

Application No: **202511034289**

Status: **Published**