priyanshu2004ss@gmail.com
9835180994
Kanpur Uttar Pradesh

PROFILES

linkedin.com/in/priyanshu-kumar-0dba7a300
github.com/Priyanshu-dev-source

SKILLS

Programming languages: Python, JavaScript, C/C++

Data science tools: Pandas, NumPy

Backend development: Node.js, REST APIs, WebSockets, Fast API

Frontend frameworks: React.js, Next.js, HTML/CSS, Tailwind CSS

Database management: PostgreSQL, MongoDB, Prisma ORM

Cloud services and tools: AWS, GitHub

EDUCATION

2023-2027
Bachelor Of Technology AI
Pranveer Singh Institute Of Technology
Kanpur, Uttar Pradesh
GPA: 8.7

2023
Senior Secondary
The Pentecostal Assembly School
Bokaro Steel City, Jharkhand
GPA: 87%

2021
All India Secondary School Examination
The Pentecostal Assembly School
Bokaro Steel City, Jharkhand
GPA: 95%

CERTIFICATIONS

- **Python for Data Science,** Infosys,2025
- **Introduction to Data Science,** CISCO,2024
- **Salesforce Certified AI Associate,** Salesforce, 2024
- **Programming Fundamentals using Python,** Infosys, 2024
- **HTML 5**, Infosys, 2024
- **CSS 3,** Infosys, 2024

Priyanshu Kumar

SUMMARY

Computer Science undergraduate with strong hands-on experience in JavaScript, React, and Node.js. Worked upon and build RESTful APIs, working with SQL/NoSQL databases, and developing responsive web applications. Keen interest in full-stack development, cloud technologies, and collaborative software engineering with efficient problem solving skills.

EXPERIENCE

Raman Research And Innovation – Software Development Engineer Intern
Kanpur, Uttar Pradesh
04/2025 - Current

- Architected scalable PostgreSQL databases with Prisma ORM, optimizing queries for reliable service delivery.
- Deployed backend services on dedicated VPS, enhancing scalability and uptime.
- Developed the complete frontend with fully responsive UI/UX and seamless integration, delivering a smooth and consistent user experience.

Vyomnauts Club - Head Developer
Pranveer Singh Institute of Technology
02/2025 - Current

- Led the development of the official club website, architecting a dynamic full-stack platform with Next.js to manage and present project data.
- Implemented backend API routes to serve event information and engineered are responsive React frontend to consume and display it effectively.

PROJECTS

Wegyanik.in — E-commerce Platform

- Designed and managed PostgreSQL databases with Prisma ORM, ensuring efficient queries and scalable data handling.
- Built and deployed backend services using Node.js and REST APIs, improving performance and reliability.
- Developed the complete frontend with fully responsive UI/UX and seamless integration, delivering a smooth and consistent user experience.

Technologies: NodeJS, PostgreSQL, Prisma ORM, REST APIs, Next.js, Three.js

Vi-Meet — Real-Time Data Streaming Application

- Developed a scalable real-time video communication app using Node.js, Firebase, React.js, integrating room creation, user sessions, and presence tracking.
- Implemented WebRTC with WebSockets, a custom TURN server on VPS, real-time chat, and persistent data storage with Real time Firebase

Technologies: NodeJS, Firebase, WebRTC, Socket.io, STUN/TURN servers, TCP/UDP

Automated Certificate Data Extraction

- Worked on a computer vision in Python to automate data extraction from certificates by fine-tuning OCR models and using OpenCV for image preprocessing.
- Structured the extracted entities into clean JSON, creating a scalable solution to eliminate manual data entry and streamline data processing workflows.

Technologies: Python, OpenCV, Tesseract, Pandas, Fast API