

# PANKAJ SINGH

+91-8433155872 | [singhps588@gmail.com](mailto:singhps588@gmail.com) | [github.com/PankajSingh34](https://github.com/PankajSingh34) |  
<https://www.linkedin.com/in/pankaj-singh-2a968b212/> | [portfolio-j9v1.vercel.app](https://portfolio-j9v1.vercel.app)

## EDUCATION

### Birla Institute of Applied Sciences

B.Tech in Computer Science and Engineering

2022 – 2026

Percentage: 85%

### St. Joseph's Convent School

Class XII (CBSE)

2020 – 2022

Aggregate: 90%

### St. Joseph's Convent School

Class X (CBSE)

2018 – 2020

Aggregate: 92%

## EXPERIENCE

### Brown Spark Digital

Software Developer Intern

Oct 2024 – Sept 2025

Remote

- Developed and maintained full-stack web applications using the MERN stack for client projects.
- Built responsive user interfaces with React.js implementing modern UI/UX design and component-based architecture.
- Designed RESTful APIs using Express.js and Node.js to handle server-side logic and database operations.
- Worked with MongoDB for database design, data modeling, and query optimization for optimal performance.

## PROJECTS

### NoteSummarizer AI

React, AI/ML, NLP, Node.js

2025

- Developed an intelligent AI-powered application that transforms notes with smart summarization technology using NLP algorithms.
- Implemented natural language processing algorithms to analyze and extract key information from user notes.
- Built a responsive React-based interface with intuitive user experience for seamless note management and summarization.
- Integrated AI models to provide accurate and context-aware summaries, improving productivity and information retention.

### Convo (Real-Time Chat Application)

MERN Stack + Socket.IO

2025

- Created a modern real-time chat application with secure authentication and seamless messaging experience, supporting one-to-one and group communication.
- Implemented WebSocket communication using Socket.IO for instant message delivery, typing indicators, and dynamic status updates.
- Designed and built RESTful APIs with Express.js and MongoDB for user authentication, message handling, and data persistence.
- Applied lazy loading and virtualized lists to optimize performance, and developed responsive UI with React.js and Tailwind CSS.

## SKILLS

- **Programming Languages:** C, C++, JavaScript, Python
- **Web Development:** HTML, CSS, React.js, Node.js, Express.js, MongoDB
- **Tools & Platforms:** Git, GitHub, Linux, VS Code, Postman
- **Other:** Data Structures & Algorithms, Problem Solving, AI/ML, NLP

## CERTIFICATIONS & ACTIVITIES

- Ranked in **Top 7 out of 170 students** in academics, demonstrating consistent excellence and dedication.
- Achieved **Top 5 position among 25 teams** in the NASA Space Hackathon, demonstrating innovation and problem-solving in space technology.
- Athletics Secretary – Led college football and gym initiatives, fostering fitness, teamwork, and active student engagement.
- **Google Associate Cloud Engineer** – Google (Issued Sep 2025)
- **Oracle Cloud Infrastructure 2025 Certified DevOps Professional** – Oracle (Issued Sep 2025, Expires Sep 2027)
- **J.P. Morgan Software Engineering Job Simulation** – JPMorgan Chase & Co. (Issued Aug 2025)