PANKAJ SINGH

+91-8533815578 | singhps58@gmail.com | github.com/PankajSingh34 | linkedin.com/in/pankaj-singh-34 | portfolio-j9v1.vercel.app

EDUCATION

Birla Institute of Applied Sciences   **2022 – 2026**
B.Tech in Computer Science and Engineering   *Percentage: 85%*

St. Joseph's Convent School   **2020 – 2022**
Class XII (CBSE)   *Aggregate: 90%*

St. Joseph's Convent School   **2018 – 2020**
Class X (CBSE)   *Aggregate: 92%*

EXPERIENCE

Brown Spark Digital   **Oct 2024 – Sept 2025**
Software Developer Intern   *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   **2025**
React, AI/ML, NLP, Node.js

– 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)   **2025**
MERN Stack + Socket.IO

– 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)