Parth Kumar Singh

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EDUCATION

- **Indian Institute of Information Technology** — Jabalpur, India
  Bachelor of Technology - Computer Science And Engineering — *Nov. 2022 - Present*

SKILLS SUMMARY

- **Languages:** C++, C, Javascript, TypeScript, Python, HTML/CSS
- **Frameworks:** ReactJS, NodeJS, ExpressJS, NextJS, Django, Flask, TailwindCSS, Material-UI, RestAPI, RapidAPI
- **Developer Tools:** Git, Docker, GitHub, Google Cloud, VS Code, Linux, Windows, AWS, Postman, Jupyter Notebook
- **Databases:** MySQL, MongoDB, Firebase, Postgresql, Neo4j
- **CourseWork:** Operating System, DBMS, Computer Network, OOPS, Data Structure, Algorithms

PROJECTS

- **PeerConnect** — GitHub
  React, Node.js, Socket.io, Prisma, MySQL, UploadThing, WebRTC — *Live*
  - **Real-time Communication Platform**: Led the development of a Full-stack real-time communication platform for college clubs and groups.
  - **Features**: Revolutionized communication with seamlessly integrated messaging, **audio/video call**s, and lightning-fast **message loading** capabilities
  - **Server Customization**: Implemented **Server creation**, customization, and a **unique invite system** for seamless connectivity.

- **StreamHub** — GitHub
  Next.js 14, RTMP, WHIP, OBS, Socket.io, MySQL — *Live*
  - **Modern Streaming Platform**: Blazing the trail with StreamHub, a groundbreaking **Live Video Streaming** platform revolutionizing digital entertainment.
  - **Key Features**: **Real-time chat**, live **Viewer Count**, and a dynamic Streamer dashboard for Enhanced Engagement.
  - **Community Management**: Implementing features like Unique Chat colors, **Following system**, and Blocking System

- **AI Companion** — GitHub
  Next.js 13, Pinecone, Upstash Redis, MySQL, Prisma, Stripe, Clerk, React, Tailwind — *Live*
  - **Unleash Celestial Conversations**: Developed **AI-powered Chatbots** allowing users to converse with **Famous Personalities**, leveraging Pinecone technology
  - **Dialogue with the Icons of History**: Engage in captivating conversations with Legendary Figures through AI models trained on their personas, **Gaining Valuable Insights** and **Knowledge**
  - **Attractive Design**: Designed a streamlined UI using TailwindCSS and ShadcnUI.

HONORS AND AWARDS

- **Smart India Hackathon 2023 Finalist** - December, 2023
  - **Recognized Innovation:** Among the **top 1500 teams** out of 42,000, showcasing problem-solving skills.
  - **Jal Shakti Challenge:** Contributed to **Environmental Conservation** Efforts with an intelligent chatbot for Namami Gange.

- **Completed Google Cloud Certified** - Professional Cloud Course, demonstrating expertise in designing, developing, and managing scalable solutions on Google Cloud Platform.

- **Made 12 pull requests** for **Hacktoberfest Open Source Contributions**, addressing various issues, adding features, and improving documentation across different repositories.

- **Codeforces Specialist**, Consistently demonstrating Problem-Solving Skills and Competitiveness in Algorithmic Coding Challenges.

- **CodeChef 4-Star Coder**, Achieving a Notable Rating and Global Recognition for proficiency in Competitive Programming.

VOLUNTEER EXPERIENCE

- **Core Team Member of Programming Club** — Jabalpur, India
  I orchestrated exciting club events, cultivating a lively tech enthusiast community. — *Feb 2023 - Present*

- **Programming Mentor** — Jabalpur, India
  Guided budding coders, offering diverse language support and problem-solving strategies. — *Aug 2023 - Present*

- **HackByte Volunteer** — Jabalpur, India
  I took the helm at HackByte, orchestrating innovation and fueling a dynamic creative environment. — *Apr. 2023*