

Kuldeep Kumar

Software Development Engineer

+91-7701855045 | kuldeepk11139@gmail.com | linkedin.com/kuldeepk-pandit | github.com/KuldeepPandit75 | [Portfolio](#)

B.Tech student in Computer Science Data Science (CSE-DS) with a strong competitive and leadership track record. 4× Hackathon Winner with consistent top finishes. Completed an industry internship at Persist Ventures, a California-based company, contributing to a platform serving 5.1K+ active users. Currently serving as President of MMIL's Technical Society, driving technical culture and community on campus.

Education

JSS Academy of Technical Education

June 2027

Bachelor of Technology in CSE-DS (GPA: 7.03 / 10.00)

Noida, Uttar Pradesh

- **Relevant Coursework:** Data Structures and Algorithms (C++), Object-Oriented Programming (Java), Database Management Systems (SQL/NoSQL), Operating Systems, Computer Networks, System Design

Experience

Persist Ventures, California, USA

Apr 2025 – Jun 2025

Full Stack Developer

Remote

- **Full-Stack Development:** Collaborated with a cross-functional team of 7 to build and maintain scalable production-grade web applications, contributing across both frontend and backend systems.
- **Frontend Engineering:** Developed responsive user interfaces and reusable components, enhancing user experience and ensuring consistent performance across multiple workflows.
- **Backend Services & API Integration:** Implemented server-side functionality and integrated APIs to support business-critical features, improving application reliability and scalability.
- **Engineering Best Practices:** Worked extensively with Git-based workflows, code reviews, and Agile methodologies, contributing to maintainable code quality and efficient team collaboration.

Microsoft Mobile Innovation Lab (MMIL), JSSATE Noida

May 2026 – Present

President

Noida, India

- Lead one of the institute's largest technical communities, driving technical initiatives and student engagement.
- Manage the core team to organize hackathons, workshops, coding contests, and campus-wide technical events.
- Mentor students, coordinate with faculty and industry speakers, and foster culture of innovation and collaboration.

Projects

VaultMeet (SaaS) | [Next.js](#), [Node.js](#), [TypeScript](#), [Phaser.js](#), [Socket.IO](#), [WebRTC](#), [Redis](#), [AWS](#) [Live](#) | [Proprietary Code](#) | Aug 2025

- Built a real-time 2D virtual events platform enabling immersive networking, hackathons, workshops, and conferences with proximity-based video/audio, interactive meeting spaces, live chat and collaborative whiteboards
- Architected a microservices-based system with an API Gateway, dedicated User and Event services, Socket.IO - powered synchronization, JWT authentication, and scalable real-time communication for virtual events.
- Built a multiplayer engine using Phaser.js and WebRTC/Agora featuring avatar synchronization, proximity-based communication, bird's-eye navigation, and seamless room orchestration for virtual conferences and hackathons.

Replay (Autonomous CI/CD Healing Agent) | [Next.js](#), [Node.js](#), [LangGraph](#), [MongoDB](#), [Docker](#), [Trivy](#) [Live](#) | [Code](#) | Mar 2025

- Architected a multi-agent pipeline healing system using LangGraph with 6 specialized agents (clone, detect, execute, analyze, fix, commit) that autonomously repairs CI/CD failures, lint errors, missing dep, syntax, and config problems
- Developed a polished, animation-rich user experience using GSAP and Tailwind CSS, responsive dashboards, and a scalable architecture to support advanced technical indicators and community-driven social trading features.

ClientFlow | [Next.js](#), [TypeScript](#), [Tailwind CSS](#), [MongoDB](#), [Evolution API](#), [Docker](#)

[Live](#) | [Code](#) | Nov 2025

- Built a multi-tenant WhatsApp Web automation platform featuring centralized team inboxes, workspace invitations, and reliable real-time messaging (text/media) leveraging MongoDB and Evolution API.
- Engineered AI-agent and rule-based automation services with reusable templates, customizable business presets, background jobs, and comprehensive analytics with plan limits.

Technical Skills

Programming Languages: Python, C++, JavaScript, SQL, Java

Frameworks/Libraries: Node.js, Express, ReactJS, NextJS, Flask, Tailwind CSS, TypeScript, GSAP, Socketio, Redux, Zustand

Infrastructure & Tools: MongoDB, RESTful APIs, Figma, Postman, Claude Code, Mermaid, Docker, Redis, Microservices, Git, GitHub, Vercel, AWS, onRender, Distributed Systems, LangGraph, LangChain

Data Analysis: NumPy, Pandas, Exploratory Data Analysis (EDA), Data Cleaning, Feature Engineering

Achievements

2nd Position: Secured Runner-up at **VesHack 2024 (GGSIPU)**, a 36-hour hackathon, and won a **50K cash prize**.

1st Place: Won **Ignition Hackathon 2025 (GBU)** as a **Solo Hacker**, earning the top position and a **30K cash prize**.

Winner: Clinched **Founder's Den Startup Pitch Competition** for presenting an innovative startup winning **6k prize**.