

# SHASHANK SAHU

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## EDUCATION

**Ajay Kumar Garg Engineering College, Ghaziabad**

B.Tech in Computer Science & Engineering

**2022 - 2026**

**CGPA: 8.67/10**

**City Montessori School, Lucknow**

Class 12th

**2022**

**97%**

## PROJECTS

**SaatPherasWorldWide**

[Link](#)

A NRI-focused matrimonial platform with matchmaking, chat, calling, push notifications and subscription features.

- Developed a scalable full-stack system with Node.js, Express, MongoDB, React, Socket.IO, Twilio, Agora, Redis, Firebase, and AWS (EC2/S3).
- Implemented real-time chat, video and audio calling, auto-suggestions, and CI/CD via GitHub Actions for production deployment.

**Udgaar Festival Portal**

[Link](#)

A large-scale youth festival portal built for IIYC to handle 15,000+ registrations and 1,000+ coordinators with role-based admin dashboards (admin, state-admin, master-admin, and gender-specific access).

- Integrated Razorpay payments, QR-based attendance, automated emails, OAuth, SEO optimization, and V2 re-CAPTCHA for security.
- Deployed on Linode and AWS (S3, CloudFront CDN) with Nginx, SSL, UFW, and Redis caching for performance, optimized for SEO and scalability.
- Built an AI Event Assistant using LangChain to automate support queries, event information retrieval, and coordinator guidance using Retrieval-Augmented Generation (RAG) and vector embeddings.

**Peece (Facility Finder)**

[Link](#)

A cross-platform application designed to help women find nearby facilities efficiently.

- Built using Flutter, Firebase, FCM notifications, Google services like Google Maps, Google Places, Directions API, and Geocoding.
- Designed a user-centric interface with real-time location tracking and background activity; integrated an ML-based gender classification model, reducing unauthorized access attempts by 90%.

## WORK EXPERIENCE

**ISKCON Tech Team**

**Jan. 2024 - Present**

Software Developer Engineer

- Responsible for conceptualizing, architecting, developing, deploying, and maintaining official websites, web applications, and large-scale event management portals for ISKCON Ghaziabad and other ISKCON IIYC projects.

**The Heion Group (Canada-based)**

**May 2025 - Sep. 2025**

Full Stack Developer Intern

- Built and maintained production-grade web applications with features like Stripe payments, Agora video and audio calls, and AI model integration from DataCove AI using React.js, Node.js, Express.js, and MongoDB.
- Deployed applications on AWS and collaborated via Git/GitHub.

**Peece Wellness Technologies Private Limited**

**Jul. 2024 - Dec. 2024**

Flutter Developer

- Developed and maintained mobile applications using Flutter and Firebase, integrating features like maps, Direction APIs, push notifications, authentication, Firestore.
- Focused on performance optimization, UI responsiveness, and ensuring app stability across various Android devices.

**Team Conatus**

**Nov. 2023 - Present**

App Developer

- Developed and maintained event registration portals using Flutter, Node.js, and MongoDB, ensuring seamless technical event management.
- Built and enhanced mobile app features with Flutter for a smooth and responsive user experience.

## SKILLS SUMMARY

- **Languages:** C++, C, SQL, MongoDB, Python.
- **Frameworks:** LangChain(Agentic AI), Node.js, Express.js, Flutter, React.js, Git/GitHub, AWS, REST APIs.
- **Tools:** Visual Studio Code, Android Studio, Postman, Firebase, CI/CD, Docker.

## PARTICIPATIONS & CERTIFICATIONS

- Ranked **Top 10 in hackCBS 7.0**, one of India's largest MLH hackathons; also participated in multiple hackathons and workshops, including the **NVIDIA** Workshop on Fundamentals of Deep Learning.
- Solved a wide range of Data Structures & Algorithms problems on LeetCode and other coding platforms.
- As a Senior Coordinator at Team Conatus, mentored **100+ juniors** in app development and backend technologies.