HARSH GUPTA

Full-Stack Web Developer | C++ | Next.js

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Professional Summary

Dynamic and forward-thinking Full-Stack Web Developer with expertise in cutting-edge technologies and a proven track record of delivering robust, scalable web solutions. Demonstrated ability to architect innovative applications using modern frameworks and best practices, with a strong foundation in computer science principles.

Education

- **Chandigarh University**   *Jul 2021 - Jul 2025*
  B.E. in Computer Science & Engineering   7.78/10 CGPA

Professional Experience

- **Local Furniture E-commerce Platform**   *Jul 2023 - Dec 2023*
  Full-Stack Web Developer   Chandigarh
  – Architected scalable e-commerce solution using **Next.js**, **PostgreSQL**, and cloud-native technologies
  – Enhanced platform security through sophisticated **NextAuth** implementation
  – Optimized frontend performance, achieving significant improvements in page load times and user experience

Notable Projects

- **Kasekobraa** / *Next.js, Prisma, PostgreSQL, Stripe, ShadCN*   *Feb 2025*
  – Developed a full-featured eCommerce platform for selling phone cases with seamless **Stripe** payment integration
  – Implemented secure authentication system with role-based access control
  – Built a scalable backend using **Prisma** and **PostgreSQL**
  – Designed a clean and modern UI using **ShadCN** for a smooth user experience

- **BlueWalls** / *Expo Go, React Native, React Query, Reddit API*   *Dec 2024*
  – Developed a cross-platform mobile application leveraging modern **React Native** architecture
  – Implemented intelligent **Reddit API** integration for dynamic, high-quality image sourcing
  – Implemented **React Query** for efficient data fetching, caching, and background synchronization

- **Cosmic Quest** / *C++, SFML*   *Oct 2024*
  – Engineered complex 2D game using **C++** and **SFML**, showcasing advanced game development skills
  – Designed intricate game mechanics with state-of-the-art collision detection algorithms
  – Optimized game loop for smooth 60 FPS gameplay using efficient event-driven mechanics.

Technical Expertise

- **Programming Languages:** TypeScript, JavaScript, C++, Python
- **Web Technologies:** React.js, Next.js, Node.js, RESTful APIs
- **Cloud & DevOps:** Docker, AWS, Azure, GitHub Actions
- **Databases:** PostgreSQL, MongoDB, Redis, Prisma ORM, Database Optimization
- **Tools & Platforms:** Git, Linux, VS Code, Postman, Figma, Agile Project Management
- **Professional Skills:** System Design, Performance Optimization, Security Architecture, Technical Communication

Certifications & Hackathons

- **Professional Certifications:** IBM Full Stack Software Developer, Algorithmic Toolbox, Developing Front-End Apps with React, Containerizing Node.js Applications
- **Hackathons & Recognition:** Attended Multiple Hackathons organized by MLH, including Hackhound at SRM Ghaziabad, HackCBS 6.0 at Shaheed Sukhdev College, and Techhacks 4.0 at Chitkara University Punjab.