

KRISH PINTO

FULL STACK DEVELOPER

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SUMMARY

Second-year computer engineering student with a strong foundation in software engineering. Passionate about problem-solving, innovation, and building impactful solutions through technology. Eager to collaborate, share ideas, and continuously learn in the ever-evolving tech landscape.

TECH STACK

Frontend

- Express.js, React.js, Next.js, Asternity UI, Shadcn UI, Kokonut UI, Magic UI, Tailwind CSS, Next UI, EJS, Framer Motion, HTML, CSS

Backend

- Node.js, Javascript, Typescript, C++, C

Databases

- MongoDB, Prisma ORM, Firebase, MySQL, Appwrite, PostgreSQL, SQLite3, Supabase

Tools

- Git, Github, MS Visual Studio, Insomnia, Postman, Netbeans, Replit

Cloud-Based Technologies

- AWS, Vercel, Netlify, Hostinger

Cloud-Buckets

- Appwrite Bucket, Supabase, Firebase

EXPERIENCE

Undergrad Computer Engineer - Navi Mumbai, IN

(2023 - Present)

- Developed a Hotel Management System using Java and SQL for database management.
- Contributed to a research team and co-authored an IEEE-published paper on quantum visualization using Cirq, Plotly, and Next.js to model 2D and 3D circuits for enhanced learning.
- Participated in hackathons like Agnethon, SPIT Hackathon, EnCode by IIT Guwahati, Technova by Xaviers, Hackofiesta by IIT Lucknow and won 2nd position in Open Innovation in Sparkathon by FCRIT
- Participated in career fairs, lectures, and NVIDIA RTX workshops, gaining hands-on experience.
- Coordinated and planned fundraising events for student organizations.

PROJECTS

Lumeo - AI-Powered Event Planning Assistant [Link](#)

- Development: Built using Next.js (App Router), Firebase (Firestore & Authentication), and LangChain with Gemini AI.
- AI Features: Generates event schedules, budget breakdowns, task checklists, marketing materials, and flow diagrams.
- Real-Time User Experience: Multi-step event input, secure user-specific management, and instant AI outputs.
- Technology Stack: Next.js, Firebase, LangChain, Gemini API.

ResumeAI - AI Resume Builder - Intelligent CV Generator [Link](#)

- AI Generation: Automatically generates personalized resumes tailored to user input, job role, and experience.
- Manual Customization: Provides a user-friendly live editor for manual edits and real-time resume previews.
- Technology Stack: Developed using React.js, Node.js, Firebase, and Gemini API integration.

SuperPOS - Web-Based Quantum Simulator (Mini Project)

- Development: Built in collaboration with the team to create an interactive quantum circuit simulation platform. Real-Time
- Visualization: Enables users to construct, simulate, and visualize quantum circuits with 2D and 3D representations. Educational
- Focus: Designed to make quantum computing more accessible with structured learning resources. Technology Stack: Utilized
- Cirq, Plotly, and Next.js for simulations and visualization.

Hotel Management System

- Developed a hotel management website using Java, Spring Boot, and MySQL.
- Implemented booking management, customer records, and payment processing with a scalable backend.

RESEARCH PAPERS

SuperPOS: An Interactive Web-Based Quantum Simulator with Real-Time 2D and 3D Visualizations [Link](#)

- Published on IEEE.
- Developed a web-based quantum simulator, SuperPOS, for interactive learning.
- Offers real-time quantum circuit simulation with 2D and 3D visualizations using Cirq and Three.js.

EDUCATION

BACHELOR OF TECHNOLOGY IN COMPUTER ENGINEERING

Fr. C. Rodrigues Institute of Technology (2023 - present)

- Current CGPA : 8.73

APEEJAY SCHOOL, NERUL (2008 - 2023)

- 12TH HSC (CBSE)
- 10TH SSC (CBSE)

LANGUAGES

- English: Proficient
- Hindi: Proficient
- Marathi: Intermediate