# Haseeb Zaki

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## EDUCATION

**VIT Bhopal University**
*Bachelor's of Computer Science and Engineering (CGPA: 7.92)*                    *Aug. 2022 – Present*

**St. Xavier's Higher Secondary School**
*10th CBSE (94%), 12th CBSE (93%)*                    *May 2015 – May 2021*

## TECHNICAL SKILLS

**Languages/Frameworks/Libraries:** C++, JavaScript, Python, TypeScript, Java, SQL, HTML, CSS, Node.js, Next.js, Express, React, Tailwind CSS, GSAP

**Databases/ORMs/Tools:** MongoDB, PostgreSQL, Prisma, Mongoose, Git, Docker, Github, Visual Studio Code, Postman, AWS, Generative AI

**Machine Learning:** Scikit-learn, Tensorflow, Numpy, Keras

**Data Structures and Algorithms:** Solved 340+ problems of Data Structures and Algorithms on platforms like Leetcode and Geeks for Geeks, Leetcode  GFG

## PROJECTS

**Payments App** | *Next.js, TypeScript, Turborepo, PostgreSQL, Prisma, NextAuth, Tailwind* Video    August 2024
- Engineered a full-stack payments application with three integrated apps (Merchants, User, Bank Webhook Server) for seamless onramping of funds, secure peer-to-peer transfers, and transaction history tracking.
- Utilized Monorepo architecture with Turborepo to streamline development, maintain consistency across multiple apps that enabled shared dependencies, streamlined version control, and improved code reuse.
- Constructed a bank webhook server for simulating fund transfers to wallet, ensured secure login using NextAuth, and provided real-time, reliable transaction processing.

**Blog Site** | *React, TypeScript, Cloudflare workers, PostgreSQL, Prisma, Tailwind, Zod* Live Link    June 2024
- Developed a comprehensive blog site featuring robust user authentication, blog creation, and content management, using modern web technologies including React for a dynamic, responsive UI and Tailwind CSS for design.
- Leveraged a serverless architecture with Cloudflare Workers and the Hono framework, integrated with PostgreSQL via Neon DB for secure and reliable data management, ensuring data integrity.
- Implemented secure user authentication with JWT for personalized content management, rigorous input validation using Zod, and functionality for creating, updating, liking, commenting, and viewing blogs.

**Other Projects** | *Responsive Design, Locomotive, Three.js, GSAP, Framer Motion*
- Web Design   •   Obys-UI   •   Spotify-Clone

## EXPERIENCE

**Internship (Persist Ventures)**                    March 2025 - Present
- Developing an AI-powered music video generator and editor, utilizing OpenAI API, Google Cloud Text-to-Speech, FFmpeg, Next.js, TypeScript, Pexels, Fabric.js and Kling API to automate video creation and editing.

**Open Source Contributions**                    August and October 2024
- Ranked 5th in GirlScript Summer of Code - Ext 2024 among 3,917 participants with 198 merged pull requests.
- Achieved top 9 percent contributor status in GirlScript Summer of Code 2024 through impactful contributions.
- Completed Hacktoberfest 2024 with 94 merged pull requests, earning all four levels of badges.

**Space Tech Entrepreneur Intern (India Space Lab)**                    December 2024
- Acquired expertise in advanced drone technology, satellite design, astronomy, and space entrepreneurship through specialized training programs, focusing on innovation in space technology.

## ADDITIONAL INFORMATION

**Hackathons:**
- Won the Startup-a-thon challenge at Persist Ventures by building an AI Music-Video Generator and Editor application within a 2-day timeframe. **Visit**
- Successfully completed FOSS Hackathon 2025, a 36-hour hackathon, where we built and open-sourced Code Phoenix, a code modernizer for enhancing legacy codebases. **Visit**

**Others:** Achieved a Codeforces contest rating of 1014, demonstrating problem-solving and algorithmic skills in competitive programming.