

Pranay Harpalani

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EDUCATION

Bachelor of Computing - Computer Science, Minor in Economics

Sep 2022 - May 2026

University of Guelph

Guelph, ON

- **GPA:** 3.7/4.0.
- **Relevant coursework:** Data Structures, Operating Systems, Software Development, Finance, Accounting.
- **Leadership:** Vice President of College of Engineering Student Council, Senate Representative for B. Computing.

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C/C++, TypeScript, HTML/CSS, SQL, R, Assembly.

Frameworks / Libraries: React, Angular, Next.js, Three.js, JavaFX, JUnit, SQLite, Firebase.

Developer Tools: Git, Vercel, Linux, Unix, Docker, Jira, Trello, Visual Studio, Tableau, Power BI, Excel.

EXPERIENCE

Blockchain & Web3 Security Researcher

Jul 2024 - Aug 2024

Webacy

Software Developer Intern

Jan 2024 - Apr 2024

Teachify | React, JavaScript, Next.js, HTML/CSS, Supabase, Jira, Git

- Contributed to a startup specializing in AI-driven solutions for education, developing **React components** for over 15% of company's website. Adopted **Agile** methodologies for effective project management.
- Drove **documentation** for **20% of code changes** and design updates, fueling accelerated development cycles and smoother on-boarding, ultimately optimizing **project delivery** and efficiency.

Software & Automations Developer

Sep 2023 - Apr 2024

Google Developers Student Club | Python, Firebase, Trello, Git

- Orchestrated **Python scripts** to automate routine tasks like emails, speeding up completion by **over 95%**. Resulting instrumental in securing over **\$15,000** in sponsorship funds.
- Mentored hackers in GDSC Hacks, a Hackathon with over **250 in-person attendees**, while hosting workshops events on innovative technologies like **Firebase** and **Git**.

Sales Associate

May 2023 - Aug 2023

The Mint Company

- Generated **\$12,198.24** in luxury item sales within the initial month at the company, establishing a robust performance standard in a commission-based environment.

PROJECTS

Portfolio | React, JavaScript, Tailwind CSS, Three.js, Vercel, Git

pranayharpalani.com

- Designed and deployed a portfolio to showcase my projects and skills. Integrated interactive **3D models** and animations using Three.js and **Framer Motion**. Ensured **responsive design** for devices using Tailwind CSS.
- Implemented a continuous integration and deployment (**CI/CD**) pipeline with Vercel, ensuring seamless updates, high availability and maintaining a **streamlined workflow** for rapid development and deployment.

CEPSSC | React, JavaScript, HTML/CSS, APIs, Vercel

cepscc.com

- Created and launched the **official website** for the College of Engineering and Physical Sciences Student Council using **React.js**, ensuring a responsive and user-friendly experience across devices.
- Crafted interactive features and forms, leveraging **API integration** for email submissions, facilitating streamlined communication with college administration.

8-Ball Pool | Python, JavaScript, C, HTML/CSS, REST API, SQL, Swig, Docker

github.com/pharpala/8-Ball

- Created a **full stack** web application featuring a realistic 8-Ball experience, combining **C physics** simulations, **Python back-end** scripting, and **SQLite database** management to create an immersive gaming environment.
- Conducted **comprehensive testing**, employing a variety of test cases to ensure robustness, reliability, and adherence to functional requirements, resulting in a **highly stable** and error-free gaming experience for users.