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**: Database Integration, Software Development, Finance, Accounting.
- **Leadership**: Vice President of College of Engineering Student Council, Senate Representative for B. Computing.

TECHNICAL SKILLS

Languages: Java, JavaScript, C/C++, Python, TypeScript, HTML/CSS, SQL, R, Assembly.
Frameworks / Libraries: React, Angular, Next.js, Three.js, JavaFX, JUnit, SQLite, Firebase.
Developer Tools: Git, Linux, Unix, AWS, Terraform, Docker, Jira, Tableau, Power BI, Excel.

EXPERIENCE

Data Structures Teaching Assistant   Sep 2024 - Apr 2025
University of Guelph | C, Python, Git.

- **Taught fundamental data structures**, including trees, graphs, linked lists, and pointers, to over 80 students through lab sessions and **programming in C**.
- Streamlined grading and feedback using Python scripts to evaluate programming assignments, **reducing grading time from 2 weeks to 30 minutes**.

Blockchain & Web3 Security Researcher   Jul 2024 - Aug 2024
Webacy

- **Analyzed 20 emerging blockchain technologies**, evaluating their innovation potential and identifying opportunities for Webacy to leverage them in enhancing its platform.
- Presented key findings, including 4 promising technologies, to stakeholders, leading to **valuable insights on security trends and innovation**, and receiving positive feedback on the strategic direction.

Software Developer, Front-End   Jan 2024 - Apr 2024
Teachify AI | React, JavaScript, Next.js, HTML/CSS, Supabase, Jira, Git

- **Developed React components** for the flagship website of an AI-driven education startup, leveraging Agile methodologies to manage projects effectively.
- **Documented 20% of new code changes** and design updates, improving development speed and streamlining onboarding for new hires, enhancing project delivery and efficiency.

Software & Automations Developer   Sep 2023 - Apr 2024
Google Developers Student Club | Python, Firebase, Trello, Git

- Implemented Python scripts to automate emails, **improving task completion from 5 minutes to 30 seconds** per email for over 1000+ emails, playing a key role in securing over $15,000 in sponsorship funds.
- **Mentored hackers** in GDSC Hacks, a Hackathon with over 250 in-person attendees, while **hosting workshop events** on innovative technologies like **Firebase and Git.**

PROJECTS & ENTREPRENEURSHIP

Out The Groupchat | *Next.js, React, JavaScript, Firebase, Google Cloud, TailwindCSS*   outthegroupchat.ca

- Created a dynamic scheduling app using Next.js and Firestore, enabling users to **create, customize**, and **share fun-filled itineraries** for group trips and vacations, making planning more enjoyable and coordinated.
- **Accumulated 100+ users** while deploying on Google Cloud with **scalable infrastructure** for storage and user authentication, creating an engaging experience with features like shareable calendar links.

Web Development Freelance & Content Creator | *React, JavaScript, AWS, TailwindCSS* pranayharpalani.com

- Led website development for clients, ranging from solopreneurs to companies with $ 200K+ in revenue. **Deployed high-traffic websites** using AWS CloudFront for global scalability, reducing latency for worldwide audiences.
- **Produced video content** promoting services and showcasing designs, effectively boosting brand visibility with **over 55,000 organic views**