CHAITANYA PATEL

Milton, ON

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Education

University of Waterloo — **September 2025 – Present**
Honours Computer Engineering, Co-op — *Waterloo, ON*

Atmiya Vidya Mandir - International Residential School for Boys — **Graduated March 2025**
High School Graduate — *Gujarat, India*

Relevant Coursework

- Classical Mechanics
- Fundamentals of Programming
- Engineering Profession and Practice
- Linear Algebra for Engineering
- Calculus 1 for Engineering
- Communication in the Engineering Profession

Skill Set

Languages: Python, C++, HTML5, CSS3, JavaScript

Front-End Development: Responsive Design, Flexbox, CSS Grid, Component-Based Structuring, DOM Manipulation, Cross-Browser Compatibility)

UX & Interface Design: Wireframing, Visual Hierarchy, Typography Systems, Spacing & Layout Systems, Accessibility Fundamentals, User-Centered Design

Tools & Productivity: VS Code, Git, Wix, Canva, Microsoft Excel

Cloud & Foundations: Microsoft Azure Fundamentals, Basic SEO Optimization

Relevant Experience

Web Design & Marketing | Digital Bootcamp — **January 2026 – Present**
University of Waterloo — *Waterloo, Canada*

- Contributed to web design and digital marketing initiatives through structured design exercises and collaborative projects.
- Applied user experience principles to improve layout clarity, content flow, and visual hierarchy across digital assets.
- Assisted in developing responsive web components aligned with branding and communication goals.
- Evaluated engagement considerations such as readability, call-to-action placement, and content structuring to improve usability.
- Collaborated with peers to refine messaging and visual consistency across campaign materials.

Projects

Digital Bookshelf | *Content Lead* | *Supported by NITI Aayog, Govt. of India* — **June 2024 – August 2024**

- Co-launched Digital Bookshelf, an online platform publishing student-written travel eBooks, by supporting content structuring and user experience decisions.
- Organized long-form content into clearly defined sections and improved page flow to enhance readability and logical navigation.
- Provided feedback on menu structure, content grouping, and layout alignment to improve usability across desktop and mobile views.
- Collaborated with the website lead to refine typography, spacing, and visual consistency, ensuring a clean and accessible reading experience.

Responsive Website Development (4 Concept Brands) | *Apna College* — **March 2024 – October 2024**

- Designed and developed four responsive websites using HTML5 and CSS3, focusing on clean layout structure and visual consistency.
- Implemented Flexbox and CSS Grid to create adaptable page sections that maintain alignment across desktop and mobile devices.
- Applied visual hierarchy principles through structured spacing, typography choices, and content grouping to improve usability.
- Organized code into modular, readable sections to support maintainability and future scalability.

Interactive Python Graphics Projects | *CodeHS* — **March 2023 – October 2023**

- Developed modular Python programs demonstrating structured programming and logical problem-solving.
- Created coordinate-based graphical outputs using reusable functions and nested loops to generate patterned visual designs.
- Structured code to separate logic from output generation, improving clarity and organization.
- Refined algorithms through iteration to enhance efficiency and readability.

Leadership Experience

Event Logistics Lead **April 2024**
Atmiya Vidya Mandir *Gujarat, India*
- Designed and optimized a seating layout for 300+ attendees using structured planning in Excel to improve venue flow.
- Coordinated with faculty and student teams to execute staging, scheduling, and event logistics under time constraints.

Sports Team Captain **January 2023 – October 2024**
Atmiya Vidya Mandir *Gujarat, India*
- Led the House Volleyball team to a championship title by coordinating strategy and maintaining team cohesion.
- Represented the school in regional competitions as Alternate Captain for U-19 Volleyball and Table Tennis teams.

Certifications

Web Development & UX: HTML, CSS, JavaScript; User Experience for Web Design; Introduction to Web Design & Development (LinkedIn Learning)

Digital Marketing & AI: Content Marketing; Email Marketing; Inbound Marketing; Generative AI for Digital Marketers (HubSpot & LinkedIn Learning)

AI & Productivity Tools: Career Essentials in Generative AI; Microsoft 365 Copilot; Ethics in the Age of Generative AI; AI Literacy; Boosting Productivity with AI Tools (Microsoft, Project Management Institute (PMI) & LinkedIn Learning)

Cloud & Security: Microsoft Azure Fundamentals (AZ-900); Microsoft Security Essentials (Microsoft & LinkedIn Learning)

Programming: Intro to Computer Science in Python (CodeHS)

Safety / Compliance: WHMIS 2015 Training Certificate