

SMEET SHAH

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EDUCATION

University of Waterloo

Expected Sep. 2027

Bachelor of Computer Science, Co-op

Waterloo, ON

- Clubs/Involvement: *Blueprint Software Foundation, AIESEC, MathSOC*

SKILLS

Languages: Python, JavaScript, TypeScript, C/C++, Java, SQL, Solidity

Frameworks/Libraries: React.js, Next.js, Node.js, Web3.js, Tailwind CSS, NumPy, Pandas, TensorFlow, OpenCV

Tools: Git, Docker, Bash, GraphQL, MySQL, Linux, Figma, Hardhat, Alchemy, Ethers.js

EXPERIENCE

Mantle

May 2026 – Aug 2026

Software Engineering Intern

Toronto, ON

- Architected and led the delivery of Mantle's first customer-facing, read-only API suite in **Go** and **TypeScript**.
- Owned the API key platform end-to-end, from data modelling and issuance to validation and management, enabling secure programmatic access across **100% of customer-facing API endpoints**.
- Designed and implemented role-based access control (RBAC) across the API surface and introduced layered rate limiting with **AWS WAF** to protect endpoints and enforce customer access boundaries.
- Expanded export infrastructure and delivered **8 production integrations** with portfolio-management and CRM platforms, automating critical data movement across customer workflows.

Shopify

Sept 2025 – Dec 2025

Software Engineering Intern

Toronto, ON

- Worked on the Admin Foundations team, maintaining and improving the performance of the Shopify Admin dashboard, used by millions of merchants to manage their stores.
- Migrated legacy components to modern **React** and **Polaris** UI patterns, refactoring backend endpoints in **Ruby on Rails**, and contributing to accessibility and internationalization efforts.
- Led development of improved discount allocation logic across checkout and refund flows, **reducing discount-related errors by 7%** and **increasing checkout conversion by 23%**.

WageX

Jan 2025 – Dec 2025

Software Engineering Intern

Toronto, ON

- Led the development of responsive, interactive React components using TypeScript and Tailwind, improving usability and performance across betting interfaces.
- Developed scalable backend APIs with Next.js and integrated Solidity smart contracts on Sepolia to manage USDC-based betting escrows, enabling seamless interaction between frontend, backend, and blockchain.
- Designed and deployed a custom off-chain oracle with an automated event settlement pipeline that **processed over 1000+ real sports events**, **reducing gas costs by 40%** using signed messages and ensuring secure, trust-minimized bet resolution.

PROJECTS

Lattice | Python, FastAPI, Slack Bolt, Cohere LLM, Martian Deimos Router

- Developed a Slack-integrated automation platform that transforms bug report conversations into actionable tickets and pull requests.
- Built tools to analyze conversations, create Jira tickets and GitHub pull requests, streamlining developer workflows.
- Designed a modular MCP (multi-component platform) architecture using FastAPI, enabling scalable integrations across developer tools.

TextTheDo | Python, React.js, Node.js, Express.js, spaCy

- Developing a task management app with an iMessage-like interface, allowing users to text tasks that automatically generate prioritized to-do lists, and integrating calendar synchronization for real-time updates.
- Integrated spaCy for NLP to interpret user inputs, **achieving 90% accuracy in task recognition** and categorization.

Oakville & Milton Humane Society | Python, TypeScript

- Developed backend-heavy features for the Oakville & Milton Humane Society platform as part of **UW Blueprint**, using **Python** and **TypeScript**.
- Implemented database seeding workflows and authentication flows, improving local development and secure user access across the application.
- Helped oversee project planning and execution, coordinating technical priorities and supporting the delivery of cross-functional features.