Tom Zhang

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EXPERIENCE

Founding Engineer — June 2024 – Present
OrbitView
- At OrbitView, we are redefining how people present themselves online. Led the design and development of a platform that transforms traditional resumes into dynamic and interactive portfolios, giving users the power to tell their whole story, not just a list of roles.

Founding Engineer and Member — Feb 2025 – Present
Azure Partners
- Empowering Business Growth with AI

Head of Engineer Department — June 2024 – Present
Earl Haig Science Society
- Hosted weekly meetings, workshops, keynotes, panels, etc.
- Lead school team of 10+ students and 8 projects to the Toronto Science Fair and won medals.
- Created and maintained a website for Earl Haig Science Society.
- Managed traffic management and achieved a score of 100% on BEST PRACTICES and 100% on SEO according to PageSpeed Insights

Software Engineer — Sept 2024 – March 2025
Token Z Labs
- Unified, User-Centric, Universal Ledger for Capital Markets — RWA — Mint, Manage, Trade real-world assets globally.
- Contributed 10 hours per week to engineering, project management, and technological innovation.
- Designed and built scalable applications, tools, and blockchain-based solutions, ensuring they adhered to the highest industry standards.
- Conducted research on emerging trends in DeFi, and tokenized real-world assets, providing data-driven recommendations for new business opportunities
- Digitized and listed 50+ pages of legal documents, notes, and user disclaimers to adhere to regulatory compliance onto the product website.

PROJECTS

OrbitView — *Jan 2025 – Present*
- Developed 6+ RESTful APIs for efficient and secure retrieval of user information.
- Currently developing and iterating premium features like effortless resume versioning and instant export of portfolios as websites.
- Continuously optimizing backend robustness through automated testing, caching, performance testing, and background tasks.

Medport — *March 2025 – Present*
- Engineered a smart container box with calibrated sensors to track medication and supplement intake in real time, generating a precise usage log.
- Enabled seamless data export for users to share comprehensive intake records with healthcare providers (e.g., doctors, physicians, nutritionists), improving personalized care.
- Won a silver medal at the 2025 Toronto Science Fair.

EDUCATION

Earl Haig Secondary School — Toronto, Canada
Ontario Secondary School Diploma (OSSD) — *Sept. 2022 – June. 2026*

University of Waterloo — Kitchener, Ontario
Catalyst for Young Entrepreneurs — *July. 2024 - Aug. 2024*

Harvard University — Remote
Harvard Undergraduate Ventures-TECH Summer Program — *July. 2024 - Aug. 2024*

TECHNICAL SKILLS

Languages: Python, Java, JavaScript Arduino, SQL (MySQL), HTML/CSS, R
Frameworks: React.js, Next.js, Django, Django Rest Framework (DRF), FastAPI
Developer Tools: VS Code, Insomnia (API testing), IntelliJ, DataGrip, MySQL Workbench, Git GitHub, PyCharm Professional Edition, Arduino IDE, Thonny, SQLlite
Libraries: pandas, NumPy, Matplotlib, PyTorch, TensorFlow, MySQLClient, Bootstrap, Tailwind CSS

CERTIFICATIONS

Meta Back-End Developer Specialization — *Meta, June 2024*
IBM AI Engineering — *IBM, July 2024*
Python for Data Science, AI, & Development — *IBM, September 2024*