

Vudit Gupta

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Education

University of Waterloo, Waterloo, CA
Bachelors in Computer Science

Aug 2024- Apr 2028

Selected Coursework: Object-Oriented Software Development, Elementary Algorithm Design and Data Abstraction, Tools and Techniques for Software Development, Statistics, Probability, Linear Algebra and Calculus.

Work Experience

Reckitt Benckiser (Canada) Inc May 2025 – Aug 2025
FinTech Intern Toronto, ON

- RB is a **global Fortune 500 company** behind brands like Lysol, Dettol, Finish and Durex.
- Worked as an integrated member of **Finance, FP&A and IT teams**, bridging data engineering with business needs.
- Created **data validation** workflows with Python, SQL, Excel macros, and Power Query to improve report accuracy.
- Collaborated with Finance and IT stakeholders on **Integrated Business Planning (IBP)** alignment.
- Utilized **enterprise systems** such as SAP, Hyperion, and Power BI for data transformation and visualization.

Token Z Labs Dec 2024 – Apr 2025
Software Engineer Intern New York (Remote)

- Token Z Labs is a **Blockchain R&D startup** building privacy-preserving digital assets, and cross-chain systems.
- Worked as part of the engineering team on an **MPC blockchain wallet and smart contracts**, aiming secure key handling, transaction privacy, and scalable execution.
- Led **project management and coordination** across teams, ensuring timely delivery and technical alignment.
- Prototyped and tested** new blockchain–AI features with iterative user feedback to enhance usability and reliability.

Projects

Insightify – Financial Forecasting Dashboard | Python, SQL, pandas, scikit-learn, Streamlit, Plotly Sep 2025

- Developed an **interactive dashboard** that predicts quarterly revenue and expenses.
- Automated ETL pipelines to clean and aggregate data from multiple SQL sources.
- Applied time-series models (ARIMA, Linear Regression) to forecast trends and visualize insights with Plotly.

TaskFlow – Full-Stack Task Management App | React, Node.js, Express, MongoDB Atlas, JWT Oct 2024

- Built a **scalable task management platform** with secure authentication and responsive UI.
- Developed **RESTful APIs** for creating, updating, and filtering tasks
- Implemented **JWT-based auth** and password hashing.
- Integrated **MongoDB Atlas** for cloud data storage and deployed on **Render/Vercel** for high availability.

AutoPost – Automated Social Media Scheduler | Python, FastAPI, SQLite, React, APScheduler Jun 2024

- Created a **content scheduling tool** to automate post timing, logging, and analytics visualization.
- Engineered a **FastAPI backend** with async endpoints and background scheduling using **APScheduler**.
- Designed a **React dashboard** for real-time tracking of scheduled posts and API health.

Leadership

CMH Club – Founder Nov 2024- Mar 2028
Founded and led the CMH Club, setting its initial vision, organizing activities, and coordinating members.

Head of School Student Union Aug 2022- Apr 2024
Elected to represent and lead the high school student body.

Skills

Technical: Python, C++, SQL, React.js, Node.js, Express.js, MongoDB Data & Analytics: Pandas, Tableau, Data Visualization, Power BI, SAP, SAC, Siebel, High Radius, ETL Pipelines.

Soft: Team Collaboration, Communication, Problem-Solving, Leadership, Project Management.