Devarsh Joshi

Third Year Computer Science Co-op Student

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Summary

- Detail-oriented and ambitious Computer Science student at Ontario Tech University with strong passion for data analytics and intelligent systems.
- Hands-on experience with data pipelines, exploratory data analysis, and visualization tools.
- Proficient in guiding peers in technical tasks and fostering collaboration.
- Practical exposure to web development, business process optimization, and database management through internship and academic projects.
- Solid foundation in Object-Oriented Programming, Data Structures, and Software Engineering principles.

Education

Ontario Tech University — **Sept 2023– Present**
Computer Science Co-op — BSc (Honours)
2.96 cGPA

Experience

ShubhKey InfoTech LLP — **Jan 2023 - Jun 2023**
Data Science & Analytics Intern — Ahmedabad, IN

- Built interactive dashboards and reports in Power BI and Python that helped reduce report generation time by 35%.
- Worked with ETL pipelines and database systems including SQL Server and MySQL, streamlining analytics workflows.
- Guided 3+ junior interns in web development best practices, fostering a collaborative learning environment.

Ontario Tech Gujarati Student Association — **May 2025 - Present**
Director of Marketing — Oshawa, ON

Projects

FlexFit : Cross-Platform Fitness App — **Jan 2025 - April 2025**
🔗 GitHub

- Engineered a mobile-first fitness app with features like workout logging, streaks, and progress tracking for 50+ users.
- Visualized over 500+ data points for BMI, weight, and height using Matplotlib charts, increasing user engagement by 30%.
- Achieved 98% bug-free deployment during QA by integrating unit testing and CI workflows.
- Handled 300+ secure media uploads through Cloudinary API, enhancing personalization of workout experiences.

Python, KivyMD, Kivy, Fast API, Matplotlib, Cloudinary API

Rott-Ed : AI-Powered Educational Tool — **February 2025 - Present**
🔗 GitHub

- Built an AI-powered microlearning platform to convert academic PDFs into TikTok-style videos using AI-generated voiceovers, images, and GPT summaries.
- Processed 200+ educational documents with NLP pipelines, reducing manual prep time by 60+ hours/month.
- Achieved 40% improvement in knowledge recall (based on pilot testing with 20+ students).

Kotlin, ReactJS, Flask, OpenAI, PostgreSQL, Python

Volunteering

FIRST Robotics Canada — **March 2025**
Volunteer — Oshawa, ON

Certifications

Meta Database Engineering Certificate — **January 2024**
META
🔗 Credly Badge