

Nehan Punjani

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EDUCATION

- University of Toronto – St. George Campus** Toronto, Canada
 - HBSc – Computer Science Specialist; Minor in Statistics* *Sept. 2024 – June 2028 (expected)*
 - Arts & Science Internship Program (ASIP).
 - Dean's List Scholar (2025).
 - Relevant Coursework: Data Structures & Algorithms, Software Engineering, Databases, Operating Systems, Computer Organization, Software Tools & Systems Programming, Probability & Statistics, Machine Learning Foundations

SKILLS SUMMARY

- Languages:** Java, Python, JavaScript/TypeScript, C/C++, SQL, R, HTML, CSS, Bash, Assembly
- Frameworks/Libraries:** React.js, Node.js/Express, pandas, NumPy, matplotlib, seaborn, scikit-learn, PyTorch, NetworkX, Tkinter, JUnit, Mockito
- Tools:** Git/GitHub, Google Cloud, REST APIs, Postman, Airtable, n8n, npm, IntelliJ IDEA, VS Code, Jupyter Notebook

WORK EXPERIENCE

- Expense Trend** Remote
 - Full Stack Software Developer Intern* *Jan. 2026 – Present*
 - Built responsive analytics dashboards in **Next.js**, **React**, and **TypeScript** to visualize keyword difficulty, popularity, and rank trends across thousands of search terms
 - Implemented filtering, sorting, and time-series charts, reducing manual analysis and enabling faster product and marketing decisions
 - Integrated frontend with **REST APIs** and built small **Node.js** endpoints to transform data, improving load times and enabling end-to-end feature delivery
- FiscalElevate** Remote
 - AI Prompt Engineering Intern* *Oct. 2025 – Dec. 2025*
 - Designed and optimized AI prompts for cold-email outreach using **ChatGPT API**, **Claude API**, and **Postman**, improving clarity, tone consistency, and personalization across automated campaigns
 - Executed batch-based prompt testing using **Airtable** and **n8n**, generating 5-email test cycles, scoring outputs for quality and compliance, and iterating prompts until all outputs met approval thresholds
 - Developed a scalable prompt library and documentation playbook, standardizing testing workflows and reducing prompt iteration time for internal teams
 - Collaborated within a 4-member remote team, delivering structured test reports and final recommendations that improved reliability of the AI-driven email copy agent

PROJECTS

- Diglott: Language learning translation app** *Aug. 2025*
 - Tech: Java, DeepL API, Google Cloud Text-to-Speech* [GitHub Link](#)
 - Integrated **DeepL API** and **Google Cloud TTS** with batching/caching, reducing speech latency by 30% and enabling real-time playback
 - Built modular **Java** architecture using **Clean Architecture** and **SOLID**, separating UI, business logic, and external services
 - Implemented per-word click-to-speak and dynamic language switching to streamline vocabulary practice
- Twitter Engagement Visualizer: Social network graph analytics tool** *Apr. 2025*
 - Tech: Python, NetworkX, Tkinter* [GitHub Link](#)
 - Modeled thousands of retweets and replies as graphs using **NetworkX** to compute influence and connectivity metrics
 - Implemented **PageRank**, shortest-path, and community detection to identify high-impact users and clusters
 - Optimized ingestion and caching to reduce API calls and cut processing time by 50%
 - Built interactive **Tkinter** dashboard for real-time exploration of engagement patterns
- Health Insights Dashboard: Public health data analysis dashboard** *Dec. 2024*
 - Tech: Python, pandas, matplotlib, seaborn* [Presentation Link](#)
 - Cleaned and transformed 8,000+ records with **pandas**, building reproducible preprocessing pipelines
 - Performed regression and correlation analysis to identify statistically significant relationships
 - Visualized results using **matplotlib** and **seaborn** and presented insights to 60+ attendees

LEADERSHIP & EXTRACURRICULAR EXPERIENCE

- Ismaili Students Association (ISA), University of Toronto** Toronto, Canada
 - Events Representative (2025–2026)*
 - Frosh Representative (2024–2025)*
 - Planned and delivered campus-wide events for 200+ students, overseeing logistics and volunteer coordination.
 - Organized Welcome Week activities that improved first-year engagement.