Raghav Kanda

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Skills

- **Languages:** Python, SQL, Java, JavaScript, R, C, C++, Go, Bash, HTML, CSS, Kotlin, Node.js
- **Frameworks:** Spring Boot, Django, Flask, FastAPI, Docker, React, MySQL, Git, Postman, REST APIs

Education

University of Toronto | HBSc — Toronto, Canada
Statistics, Mathematics and Computer Science — *Sept. 2021 – Apr. 2026*

- **Relevant Courses**: Software Tools & Systems Programming, Software Design, Machine Learning & Information Security, Advanced Calculus & Linear Algebra, Data Analysis, Theory of Computation, Probability & Statistics, Data Structures
- **Award** :University of Toronto Scholar (CAD 5,000) - For outstanding academic performance

Experience

Lead Android Developer — Toronto, Canada
Mopply Inc — *Jan. 2025 – Present*

- Developed and maintained Android applications with user-focused features and optimized performance across devices.
- Collaborated with cross-functional teams to design, test, and deploy scalable mobile solutions.
- Built secure and efficient application components using strong foundations in software design, data structures, and security principles.
- Applied analytical and mathematical problem-solving skills to debug and resolve complex technical issues.

Freelance Data Analyst — Remote / Upwork
Self-Employed — *May 2023 – Present*

- Delivered data-driven insights for clients across multiple industries using diverse datasets and analytical techniques.
- Managed end-to-end analytics workflows, including data collection, cleaning, analysis, visualization, and reporting.
- Applied statistical and mathematical modeling methods to solve business and research problems.
- Expanded analytical capabilities by exploring advanced tools and methodologies beyond standard analysis.

Projects

Mopply Inc Android Application: Built and optimized an interactive Android application with responsive UI/UX, backend API integration, secure data storage, and performance debugging across devices. *(Java, Android Studio, SQLite, REST APIs)*

Machine Learning Model Development: Designed, trained, and evaluated classification models using real-world datasets, applying feature engineering, hyperparameter tuning, and performance visualization techniques. *(Python, Scikit-learn, TensorFlow)*

Information Security Analysis: Conducted vulnerability assessments and penetration testing across multiple operating systems, analyzed encryption protocols, and proposed industry-aligned security mitigations. *(Kali Linux, Windows, Ubuntu, Metasploit, Wireshark, OpenSSL)*

Data Analysis: Performed data cleaning, statistical analysis, and visualization to extract insights from structured datasets and produce clear analytical reports. *(Python, Pandas, NumPy, Matplotlib)*