RITESH KADIAN

Scarborough, ON | (289) 839-3900 | riteshkadian4@gmail.com

LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

Software Engineering Technology student with hands-on experience in **backend systems, REST APIs, and NLP-powered applications** using Python, FastAPI, and JavaScript. Skilled in **scalable data pipelines, ML model implementation, and cloud-backed deployments**. Currently contributing to an AI startup focusing on **workflow automation and phishing detection systems**. Seeking **Backend / Python / AI internship roles** to build production-grade, scalable applications.

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C#
Backend & APIs: FastAPI, REST APIs, Node.js, Express.js
Databases: PostgreSQL, MySQL, MongoDB
AI / ML: scikit-learn, spaCy, PyTorch, Pandas, NumPy, TF-IDF
Cloud & DevOps: AWS (EC2, S3), Render, Git, GitHub
Core Concepts: Data Structures, Algorithms, OOP, System Design

EXPERIENCE

Business Development Executive – Founder's Team – Datacove.ai | Mar 2025 – Present | Toronto, ON
AI-driven workflow automation and security platform.

- Led AI solution outreach to Canadian & US legal firms, driving early-stage adoption.
- Translated complex workflow automation and phishing detection systems into business-aligned solutions.
- Supported demos, onboarding, and feedback cycles to refine product-market fit.
- Collaborated with founders on messaging, positioning, and engineering feedback pipelines.

PROJECTS

SkillVector – AI Career Strategy Engine – Python, FastAPI, React, PostgreSQL, spaCy, scikit-learn | Live Demo

- Engineered NLP-based skill matching system analyzing resumes vs job descriptions using **TF-IDF and cosine similarity**.
- Developed RESTful APIs with **FastAPI** and deployed to cloud infrastructure.
- Optimized scoring algorithm, improving candidate-job alignment accuracy by 70%.

Aura Dental – Clinic Management System – Node.js, Express, MongoDB

- Designed RESTful API architecture for **appointments, billing, and patient management**.
- Modeled **MongoDB schema** supporting 500+ patient records and secure CRUD operations.

Real Estate Listing Platform – Node.js, Express, MongoDB

- Developed dynamic property listing system with **category-based filtering and lead capture**.
- Designed scalable backend architecture to support future feature expansion.

EDUCATION

Software Engineering Technology – Advanced Diploma – Centennial College | Sept 2024 – 2027 | CGPA: 3.7/4.5
Relevant Coursework: Data Structures & Algorithms, Advanced Database Concepts, Software Systems Design, Unix/Linux, Linear Algebra & Statistics, Software Testing & Quality

CERTIFICATIONS

AWS Certified Solutions Architect – Associate (2026) | Amazon Web Services | View Certificate