

ABDELRAHMAN MOHAMED

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TECHNICAL SKILLS

Proficient: Claude Code, Python, SQL, Java, TypeScript, Next.js, Git, Docker, Pandas, NumPy, Scikit-learn, TensorFlow, Azure, GCP, Data Structures & Algorithms, REST APIs, System Design, Cursor, MCP

Familiar: C, C++, C#, AWS, CI/CD, Agile Methodologies, UX/UI Principles

EDUCATION

University Of Calgary

Calgary, AB

Bachelor of Science in Computer Science

Apr 2026

Relevant Courses: Database Systems, Data Structures and Algorithms, Software Engineering Principles, Project Management, Operating Systems, Computer Networks

Certificates: Microsoft Azure Fundamentals, Machine Learning (Coursera), Full Stack Web Development (Udemy)

EXPERIENCE

Co-Founder

June 2025 – Present

GenLabs Inc. (genlabs.ca)

Calgary, AB

- Co-founded early-stage AI agents startup specializing in Google Cloud solutions with a team of 4.
- Led technical development of AI automation tools using Vertex AI and cloud infrastructure.
- Managed product roadmap, team coordination, and client discovery for B2B AI solutions.
- Built MVP prototypes and conducted market validation for AI agent applications.

Google Innovate Program, Customer Maps

March 2025 – June 2025

AI/ML Intern

Calgary, AB

- Built AI agents for retail using Vertex AI and ADK, reducing reporting time by 60%.
- Designed GCP pipelines with BigQuery and GCS to analyze 100K+ records securely.
- Developed data science agent for automated SQL querying and ML model training.
- Created React dashboards to visualize agent outputs for non-technical stakeholders.

DATech

Apr 2024 – Jun 2025

Prompt Engineer

Remote (New York, NY)

- Evaluated 1,000+ AI-generated code samples (Python, JS, SQL), improving LLM accuracy and performance by 20%+.
- Contributed to RLHF pipelines by analyzing model behavior and providing structured feedback.
- Refined prompt guidelines and task design to ensure consistent, high-quality training data.

PROJECTS

Ascendr (Live at ascendr.quest) | *React, Next.js, TypeScript, Firebase, Tailwind CSS*

- Architected and deployed a **gamified productivity platform** using **Next.js, Firebase, and React Context**.
- Implemented rich functionality with Firebase services (Auth, Firestore, Hosting) and managed global state efficiently with React Context.
- Built a modular quest system, XP rewards, and user progression engine — laying the foundation for **scalability and user retention**.

KanDoIt – Full-Stack KanBan App | *Next.js, Prisma, SQL, Docker, Tailwind CSS*

- Developed a scalable KanBan app with **role-based access control**, used by **a team of 5+ contributors**.
- Designed and integrated RESTful APIs with **Prisma ORM** to interact with a **PostgreSQL database**, enabling reliable CRUD operations and scalable data models.

AI Fashion Recommendation Engine | *Python, Faiss, Vector Databases, RAG, GCP*

- Engineered an AI fashion recommender using Python, Faiss, and vector databases, generating embeddings from item attributes for efficient similarity search and retrieval of visually or semantically similar apparel based on item/text queries.
- Implemented a Retrieval Augmented Generation (RAG) pipeline, leveraging LLMs with retrieved fashion data to provide enhanced, contextual, and personalized style recommendations.

10+ additional projects, including Full-stack apps for local businesses, data-heavy dashboards, Cloud and ML projects