Mohammed Faraz Kabbo

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EDUCATION

York University, Lassonde School of Engineering — North York, ON, Canada
Hons., Bachelor of Science, Computer Science (Lassonde Entrance Scholarship) — *Expected January 2027*

Google Data Analytics Certificate — Coursera
Professional Certificate in Data Analytics — *July 2024*

EXPERIENCE

FashionX — Toronto, ON
Co-Founder & Developer — *October 2024 – Present*
- Developed **AI recommendation** engine using TensorFlow and OpenAI CLIP, achieving 76% match accuracy
- Managed and organized **product documentation** using SharePoint and collaborative tools
- Architecturing multi-database system **(PostgreSQL, MongoDB)** handling **1TB+** of structured/unstructured data with 100ms query time

MegaMind Learning Centre — Vaughan, ON
Coding Instructor (Java, Python) — *January 2024 – Present*
- Tutored 15 students in OOP, achieving a **74%** success rate through regular assessments and personalized teaching

TECHNICAL SKILLS

Languages: Java, **Python, SQL**, C, C++, JavaScript, HTML, CSS, R,**Unix Commands**
Frameworks & Tools: **Azure**, Node.js, JIRA, Git, Microsoft SQL Server, **AWS S3**,Pycharm,Clerk, **MS Office**
Libraries: NumPy, Scikit-learn, Pandas, Matplotlib

HACKATHONS

MinuteMaster— Geesehacks 2025 | *Next.js, Express, OpenAI, Gemini, **AWS S3**, Clerk* — January 2025
- Engineered a scalable audio processing pipeline achieving **78%** speaker identification accuracy and 100ms latency
- Implemented efficient cloud storage architecture with **AWS S3,** reducing local infrastructure costs by **60%**
- Co-developed AI platform for meeting transcription and summarization, achieving **81% accuracy**

Hacker Cup — Meta | *Algorithmic Programming Competition* — October 2024
- Advanced to Round 2, ranking in the top **1%** of participants **(4,618th out of 35,000 competitors)**

PROJECTS

StudyBuddy Platform | *Next.js, Tailwind CSS, Supabase, AI API's TypeScript, Clerk* — January 2025
- Coordinated with cross-functional teams to **gather requirements and implement solution**
- Implemented real-time transcription with **81%** accuracy using Whisper(Open AI), processing **120+** daily requests
- Implemented lecture sumarization and detailed notes using Google Gemini LLM achieving 88% accuracy
- Secured authentication and authorization using Clerk, handling user sessions with 98% reliability
- Maintained project documentation using **JIRA** and deployment procedures using industry standards

Cyclist Bike-Share Analysis Case Study | *MySQL, BigQuery, R, Power BI, Python, MS Office* — July 2024
- Engineered an ETL pipeline processing 2.5M+ rows of cycling data, reducing query time by 75% using **BigQuery**
- Developed statistical models in R achieving 89% prediction accuracy for user behavior patterns
- Created detailed reports and **presentations using Microsoft Office Suite**
- Created interactive Power BI dashboards with real-time KPIs, reducing reporting time by 85%

ScreenBoard | *Python, OpenCV, MediaPipe, WebSocket* — September 2024
- Developed real-time gesture recognition system with 74% accuracy using MediaPipe and **custom CV algorithms**
- Implemented WebSocket connection handling 60fps video processing with 16ms latency
- Created efficient caching system reducing memory usage by **40%** while maintaining 30fps performance

LEADERSHIP & VOLUNTEERING

Lassonde Fall Campus Day Volunteer — North York, ON
York University — *November 2024*
- Engaged with over 200 attendees, including students and parents, delivering impactful presentations