

# ABDULLAH KHAN

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## Education

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### Ontario Tech University

Expected Graduation: May 2027

Bachelor of Science in Computer Science

Oshawa, Ontario

- Courses: Data Structures & Algorithms, Object-Oriented Programming, Software Development and Integration, Software Design and Analysis, Web Applications Development, Database Systems & Concepts

## Work Experience

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### Norsco Consulting Ltd.

Mar 2026 – April 2026

.NET Full-Stack Developer

Remote

- Building a real-time admin dashboard for **EMA Fintech** using **C#**, **ASP.NET Core**, and **Blazor**, visualizing live donation data for a Canadian nonprofit SaaS platform
- Developed interactive **KPI tiles** and data visualizations using **Chart.js** to surface fundraising velocity, donor demographics, and transaction processing status
- Wrote optimized **SQL Server** queries to aggregate transaction data for dashboard components without impacting core system performance

### Brand Love Inc.

Jan 2026 – Mar 2026

AI Software Developer / Full Stack and UX Lead

Remote

- Built the **ContinuityOS** executive dashboard using **Next.js** and **TailwindCSS**, aggregating data from **ClickUp**, **Vapi**, and **Apollo** to calculate and display Net ROI metrics
- Led end-to-end UX design, presenting complex data as simple hero cards and status indicators, with an **LLM**-powered weekly narrative that translates metrics into plain-English business insights
- Managed auth and data storage with **Supabase** and deployed to production via **Vercel**, delivering weekly demos across an 8-week execution plan

### Wouessi Digital

May 2025 – July 2025

Software Engineering Intern

Toronto, Ontario

- Developed a web-based onboarding form using **React**, **JavaScript**, **HTML**, and **CSS** that allowed new employees to enter their information and be registered into the company's onboarding process
- Implemented backend logic in **Java** and **Python** to handle new-employee data (e.g. account setup, permissions, tool access), reducing manual coordination
- Collaborated with teammates via **ClickUp** under **Agile** process (sprints, task tracking) to prioritize features, receive feedback, and iteratively improve user experience

## Projects

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### HealthCare Management System

Next.js | TypeScript | TailwindCSS

- Built a full-stack healthcare appointment platform using **Next.js**, **TypeScript**, **TailwindCSS**, and **Appwrite**, supporting patient registration, scheduling, and admin control
- Integrated **Twilio SMS** notifications for real-time booking confirmations, reducing no-show rates and improving user trust

### S&P 500 Market Predictor

Python | scikit-learn | pandas

- Built a time series forecasting model using **scikit-learn** and **yfinance**, achieving **72% accuracy** on historical S&P 500 data
- Developed a custom backtesting engine to simulate real-world trading and validate model performance using **pandas** and statistical analysis

### AI Therapist

Next.js | Flask | AWS

- Built a real-time AI mental health assistant using **Gemini API**, **AWS Transcribe**, and **AWS Polly**, enabling voice/text interactions with **95%+** speech-to-text accuracy
- Developed the full-stack system with **Next.js** frontend, **Flask** API, and **AWS S3** for secure audio storage and retrieval

## Technical Skills

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**Languages:** Java, Python, C#, C++, JavaScript, SQL, HTML, CSS

**Developer Tools:** GitHub, AWS, Figma, Slack, VS Code, Jupyter Notebooks, Agile, Supabase

**Libraries/Frameworks:** .NET, React, Vue, Flask, Next.js, Node.js, TailwindCSS, ASP.NET Core, Blazor