Abdallah Divkar

LinkedIn | GitHub | Portfolio

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JUNIOR SOFTWARE DEVELOPER

WEB DEVELOPER | DATA ANALYST | PROBLEM SOLVER | AI/ML

Aspiring **Software Engineer** with hands-on experience in **Python, C#, SQL, Java, and JavaScript**. Proficient in Agile methodologies with practical knowledge in DDC controller programming and database creation. Currently pursuing an Advanced Diploma in Software Engineering Technology, specializing in Artificial Intelligence. Seeking to contribute to efficient software solutions and collaborate in fast-paced environments.

PROFESSIONAL SUMMARY

- Foundational understanding of **machine learning concepts, algorithms and data structures**
- Proven ability to deliver high-quality results in fast-paced and collaborative environments
- Hands-on experience in programming DDC Controllers, database creation, regression models and software testing
- Knowledgeable in Agile methodologies, user-oriented design, testing, and the application of the SDLC
- Skilled in programming with **Python, Java, JavaScript, C#, SQL, and MERN stack development**
- Proficient with tools including **GitHub, Visual Studio Code, and Jira**
- Strong communication and teamwork skills, complemented by a creative and analytical mindset

TECHNICAL SKILLS

Programming:	Python, Java, JavaScript, C#, SQL, HTML\CSS
Frameworks & Libraries:	React, MongoDB, Express, Node.js, Angular, NumPy, Pandas, Matplotlib, Scikit-learn, PyTorch
Operating Systems:	Unix, Linux, Windows
Development Tools:	Git, Visual Studio Code, Eclipse, IntelliJ
Cloud Computing:	Amazon Web Services, Microsoft Azure
Other Tools:	Jira, Trello, MS Office, Figma

EDUCATION

Software Engineering Technology - Artificial Intelligence (Co-op) Advanced Diploma Jan. 2024 - Pres.
Centennial College, Toronto, ON

- *Key Courses:* Introduction to A.I | QA & Testing | Java Programming | C# Programming | Software Systems Design | Web Interface Design | Database Concepts (SQL & PL\SQL) | Client-Side Web Development | Supervised Learning | Data Structures & Algorithms | Networking for Developers

SELECT ACADEMIC PROJECTS

Natural Language Processing (NLP) - Comment Identifier
- Developed a model for predicting spam comments in YouTube video comments, using Natural Language Processing (NLP) and Naive Bayes Classifier, with a 90% accuracy rate

Web Design - Weather App
- Developed a responsive weather application using JavaScript, HTML, and CSS, allowing users to search for a location or utilize their current location
- Integrated weather APIs to display real-time conditions, including temperature, "feels like" temperature, humidity, wind, and pressure
- Included a feature to provide future weather predictions, enhancing user experience with detailed weather insights

DBMS - Crime Management Database
- Designed and implemented a comprehensive database system for managing crime data, including tables for contacts, crimes, criminals, officers, victims, and cases
- Utilized SQL to create, modify, and query relational database tables with constraints, keys, and complex relationships

- Developed advanced queries to retrieve specific insights, such as unresolved cases, officer contributions, and victim details, ensuring efficient and accurate data management

Full Stack Web Design - VibeVerse Social Media Platform
- Developed a MERN stack social media platform similar to Instagram, featuring user authentication, post management, and profile customization
- Integrated Cloudinary for image management and MongoDB for database operations
- Collaborated on frontend and backend development with teammates

Software Requirements Specification Document - *QueueMe*
- Collaborated in a team using Agile for the development of an SRS document for a mobile app & website, QueueMe, that allows patients to book and manage appointments
- Created UML diagrams and Gantt chart, as well as functional/non-functional requirements sections

PROFESSIONAL DEVELOPMENT

Amazon Junior Software Developer Professional Certificate | Coursera (Online)   In Progress
- Courses: Introduction to Software Development, Java Programming, Data Structures & Algorithms, Database Management, Full Stack Web Development, Generative AI

Hackathon Participant | WIMTACH & Scarborough Retirement Residences   October 2024
- Worked alongside a team to tackle challenges faced by dementia patients & caregivers
- Focused on Fall Prevention & Pain Detection to develop a user-friendly software application to improve the quality of life for elderly individuals

Hackathon Participant | WIMTACH & City of Toronto (Emergency Preparedness)   November 2024
- Developed innovative solutions to address community needs during disruptions like heatwaves, power outages, and extreme weather, earning recognition from the judges for impactful contributions