

# Omar BaGunaid

## Full stack developer

Scarborough, ON M1L 2X2

[bajunaidomar@outlook.com](mailto:bajunaidomar@outlook.com)

+1 613 890 9697

I began my journey as a computer programmer in 2014 when I enrolled in a two-year diploma program at Algonquin College, which included a cooperative work placement. Following my studies, I gained three years of valuable experience as a programmer at Paphus Solutions Inc. In 2019, I decided to pursue a Bachelor's degree in Computer Science, and I will be graduating in June 2023. I am excited to begin my next professional chapter and will be available for employment beginning in May of 2023.

Throughout my career, I have worked with a variety of programming languages, including Java, Python, MySQL, PostgreSQL, and more. I have experience using Java for servlet and Android Studio development, Python for scripting and developing TensorFlow AI, and HTML, CSS, JavaScript, and JSP for front-end web development.

During my Bachelor's degree studies, I further expanded my knowledge and skills in computer science, gaining both practical and theoretical experience. I deepened my understanding of complex topics such as algorithms and their efficiency, network and security, and different approaches to problem-solving. In addition to Java, Python, and web development languages, I also have experience in C and C++.

Thank you for considering my application, and I look forward to discussing my qualifications with you further.

Willing to relocate to: Ottawa, ON - Mississauga, ON - Toronto, ON

## Personal Details

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**Highest Level of Education:** Bachelor's Degree

**Total years of experience:** 6

## Work Experience

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### Full Stack Developer

Paphus Solution - Ottawa, ON

January 2017 to Present

- Developed modules based on design specifications and project delivery plans, using various programming languages such as Java, C#, Python, C, C++, HTML, XML, JSON, CSS, JavaScript, and jQuery.
- Conducted troubleshooting, debugging, and root cause analysis to fix defects and ensure the smooth operation of the software.
- Designed and implemented features using TensorFlow for image, video, audio, and object recognition, applying artificial intelligence (AI) techniques to build intelligent systems.

- Adhered to best practices by conducting initial research, project planning, product design, and writing and executing code that met industry standards and complied with coding conventions.
- Documented client requirements and provided high-level designs for proposed solutions that effectively resolved problems and improved performance, using architectural patterns such as Model-View-Controller (MVC) and Data Access Object (DAO) to organize code and make it more maintainable.
- Built a Python Flask framework feature that enabled users to easily upload files such as images and audios, train them using TensorFlow, and test them through a user-friendly web application interface.
- Worked with backend libraries such as Flask in Python and Servlet in Java to create dynamic web applications that interacted with databases such as SQL Server, MySQL, and PostgreSQL.
- Applied AI techniques to TensorFlow to develop intelligent systems such as image recognition, image object detection, audio recognition, text classification, and chatbots.

Overall, I have a strong background in software development and AI, with a diverse set of skills in programming languages, backend libraries, databases, and architectural patterns. I am passionate about building intelligent systems that can make a positive impact on people's lives, and I am excited to bring my skills and experience to a new role.

## Education

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### **Bachelor's Degree in Computer Science**

York University - North York, ON

September 2019 to April 2023

### **Secondary School in Computer Programming**

Algonquin College of Applied Arts and Technology - Ottawa, ON

January 2015 to January 2018

## Skills

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- .NET (Less than 1 year)
- ECLIPSE (7 years)
- LINUX (3 years)
- JavaScript (1 year)
- MySQL (3 years)
- Java (6 years)
- Git (1 year)
- XML (3 years)
- C/C++ (1 year)
- bash - zsh (2 years)
- Docker (Less than 1 year)
- JSON (3 years)
- Unit Testing (Less than 1 year)
- REST (2 years)
- AWS (Less than 1 year)
- CSS

- Agile
- Apache (4 years)
- C# (3 years)
- Communication skills
- J2EE (5 years)

## Languages

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- English - Fluent
- Arabic - Fluent

## Links

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<https://github.com/OmarBajunaid>

<https://github.com/omar0ali>

<https://omar0ali.github.io/portfolio.github.io/>

<https://www.linkedin.com/in/omarbajunaid/>