

Arturo Gamez Ortega

Software Developer

Passionate software developer with 3+ years of experience in full-stack web development, seeking to leverage my technical skills and creativity to create engaging and innovative gaming experiences. Proven ability to collaborate effectively in dynamic environments, deliver high-quality solutions, and drive innovation through technology.

Professional Experience

PHP Software Developer

Wizard Tower TechnoServices Ltd

05/2022 – present | Vancouver, Canada

- Developed and maintained full-stack web applications in a Linux environment using PHP, JavaScript, HTML, CSS, and MySQL.
- Implemented new features that improved application performance by 20% and streamlined user workflows, demonstrating ownership and resourcefulness in troubleshooting and resolving bugs.
- Collaborated effectively with team members to define requirements, estimate tasks, and deliver projects on time, showcasing a commitment to continuous improvement.
- Proactively sought out new technologies and best practices to enhance development processes and personal skills.

Web Development for Local Businesses

Freelance

2019 – 2022 | Vancouver, Canada

- **Cafe Lokal (cafelokal.ca)** : Developed a custom website, Led the project from initial design concepts to final deployment, ensuring seamless functionality and an aesthetically pleasing user interface.
- **Tamaly Shop (tamaly-shop.com)** : Built an e-commerce platform with WordPress and WooCommerce, resulting in a 13% increase in sales for the client.

Projects

A* Path Finding Algorithm

C#, Unity2D

- Developed an A* pathfinding algorithm in C# and Unity2D that efficiently calculates and visualizes the shortest path in complex 2D environments.

Lucy Game

C#, Unity2D

- Designed and developed a 2D adventure game, implementing core mechanics such as player movement, light orb collection, and energy management. Utilized sprite masking, parallax scrolling, and particle systems to enhance the player experience.

Vancouver, BC

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arturogamez.com

github.com/GamezAr94

Skills

- Unity2D
- UI/UX
- JavaScript
- CSS3
- HTML5
- Game Design Principles
- PHP
- Typescript
- 2D sprite animation
- 3D modeling blender
- MongoDB
- MySQL
- C#
- Node.js
- React.js
- Next.js
- PostgreSQL
- API Development
- Linux Ubuntu
- Figma
- Agile
- OO Programming

Education

British Columbia Institute of Technology

2018 – 2022 | Vancouver, Canada

- Computer Systems Certificate
- Applied Software Development
- Applied Computer Information Systems