

Video Games | Web Backend | Mobile Applications | Technical Support

PROFESSIONAL SUMMARY

Well-rounded, mid-level developer with 5 years of experience writing professional software and providing tier 1-3 tech support across various platforms and industries. Committed to using tried and true development practices to provide the best user and player experiences with highly responsive designs, reusable and scalable code, and well-written documentation. Expert in clear communication practices and optimizing workflow, ensuring efficient and productive sprints while maintaining an optimal balance of stability and flexibility.

KEY SKILLS

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|----------------------------------|----------------------|-----------------------|
| ✓ Object-Oriented Programming | ✓ Databases | ✓ Godot Development |
| ✓ Gameplay Programming | ✓ Rapid Prototyping | ✓ Project Management |
| ✓ Data Structures and Algorithms | ✓ Python Development | ✓ Agile Methodologies |

RELEVANT PROFESSIONAL EXPERIENCE

Technical Support Specialist

Chaves Consulting Inc.

August 2023 - Present

La Grande, OR

- Provide technical support to the City of La Grande's 19 city departments, a Synergy datacenter, and the Baker 5J School District.
- Provide tier 1 remote support to Synergy datacenter and the Baker 5J School District, with tier 2 on-call support for the City of La Grande's Fire Department and 911 dispatch center.
- Cleared a 8-month ticket backlog in under 3 months and reduced ticket submissions by over 70%.
- Provide technical training to employees to ensure current CJIS and CISA cybersecurity compliance and follow current NIST guidelines.

Game Developer

Dark Fox Studio

January 2022 - Present

La Grande, OR

- Project planning and management for a small team to develop and ship 2D and 3D games across various genres on multiple platforms.
- Build scalable gameplay systems in multiple languages/frameworks (C#, C++, Python (PyGame, Django, Flask), GDScript).
- Utilize leading game engines (Unity, Unreal, Godot) and creative tools (Blender, Procreate, Affinity Suite, Logic Pro X) for development, prototyping, and asset creation.
- Implement multiplayer functionality and complex save-state logic using APIs, databases, and third-party backend services.

Mobile Application Developer

NND Studio LLC

January 2023 - January 2024

La Grande, OR

- Developed a cross-platform (iOS and Android) mobile application using Flutter, Kotlin, Swift, SwiftUI, UIKit, and HealthKit.
- Integrated applications with RevenueCat and Google Firebase.
- Utilized Agile methodologies to ensure timely delivery and quality of mobile applications.

Full Stack Node.js Developer

Greater Oregon STEM Hub

October 2022 - June 2023

La Grande, OR

- Developed a full-stack web application and RESTful APIs using Express, MySQL, HTML, CSS, and JavaScript.
- Hosted applications through AWS Lightsail with WireGuard for VPN and Nginx for reverse proxy.
- Implemented responsive design and ARIA accessibility to enhance user experience across devices.
- Applied best practices in security and performance optimization for web applications.

EDUCATION

PCAP – Certified Associate in Python Programming

Python Institute

PearsonVUE Online

- <https://verify.openedg.org/?id=rHVT.OhcJ.rAub>
- Certification ID: rHVT.OhcJ.rAub

Bachelor of Science in Computer Science

Eastern Oregon University

La Grande, OR

- Awards: Cum Laude Honors, Ford Family Foundation Scholarship, Outstanding Computer Science Student, Dean's List
- Minor in Music with focus on digital music and folly production through use of industry standard DAWs and recording and mixing techniques.

Bachelor of Science in Mathematics

Eastern Oregon University

La Grande, OR

- Awards: Cum Laude Honors, Mercer Family Scholarship, ASTEO Scholar Award, Dean's List

Certificate in Computer Programming I

Eastern Oregon University

La Grande, OR

Certificate in Computer Programming II

Eastern Oregon University

La Grande, OR

TECHNICAL PROFICIENCIES

Game Engines (Unity, Unreal, Godot), Office 365, Google Workspaces, Programming Languages and Frameworks (Python, PyGame, GDScript, Flask, Django, C++, C#, JS/TS, Swift, Kotlin, Dart, Flutter), IDEs, DBMS (SQL, MongoDB, Firebase), Linux (Debian/Ubuntu, RHEL), iOS and MacOS, Android.

ADDITIONAL EXPERIENCE

Mathematics Research

Eastern Oregon University

La Grande, OR

June 2022 - June 2023

- Explored a novel problem in permutations using addition to create permuted sums and observed behaviors and patterns in the resulting sums.
- Research pending publication in the 2025 edition of the Eastern Oregon Science Journal.

Permuting, Swapping, and Summing N-Digit Numbers

Eastern Oregon Science Journal

La Grande, OR

Pending 2025

Computer Science Club President

Eastern Oregon University

La Grande, OR

September 2021 - June 2023

- Conducted meetings, participated in community outreach, and contributed to and led large software projects.
- Acquired funding for and configured a small-scale, campus-wide accessible supercomputer.

Math Club President

Eastern Oregon University

La Grande, OR

September 2021 - June 2022

- Conducted meetings, organized guest speaker presentations, and coordinated yearly trips to the Pacific Inland Mathematics Undergraduate Conference.