

ELVIS SIERRA

Backend Software Engineer

Contact:

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Personal Summary

Adaptable and disciplined engineer with a genuine drive for continuous learning, proven ability to innovate, and collaborate effectively in dynamic environments. Known for fostering positive connections and bringing enthusiasm to the team.

Experience

Software Engineer , Media Co-Lab	March 2024 - Present
<ul style="list-style-type: none">Designed and developed a collaborative platform for enhancing social media presence.Engineered REST API's, integrating backend services to support various platform features.Implemented Vue.js framework for UI, enhancing user engagement.Feature specifics: Focus on a community-based media discussion environment and organizational architecture.Tech: Python3, Django, Vue.js, PostgreSQL, Docker	
Sr. Backend Engineer , Onward	Sept 2022 - Feb 2024
<ul style="list-style-type: none">Conceptualized, designed, and engineered pioneering solutions by developing custom REST API's and leveraging cloud services to optimize performance and scalability for a rapidly growing community.Refactored search functionality to improve data discoverability through optimized indexing and reduced latency.Evaluated technologies and drafted technical documentation to determine applicability for feature implementation and system optimization.Leveraged TDD and CI/CD methodologies to streamline flows and reliable deployments.Fostered effective remote collaboration with team members across Eastern Europe.Tech: Python3, Django, PostgreSQL, Docker, AWS (RDS, ECS, Elasticsearch, Lambda, S3)	
Backend Engineer , Cr8ion	Jan 2021 - Aug 2022
<ul style="list-style-type: none">Developed social application promoting collaboration in the 3D modeling space.Feature specifics: file management, community. (file upload/download, collaborative chats, voting mechanism)Proactively acquired new technologies for development through engagement with online forums and communities to enhance skills and collaborate on advancements.Tech: Python3, Django, MySQL, Docker, AWS (RDS, ECS)	
Software Engineer/ Team lead , Caterpillar Inc.	Mar 2018- Aug 2020
<ul style="list-style-type: none">Designed and integrated a new application for quality, efficiency, maintenance and control.Collaboration with QA and environmental teams to determine project requirements for feature development.Using department specific data to produce efficient and cost-effective workflow leading to highest quality output up 65%, saving significant time and cost. (facility high)Tech: Python3, Flask, MySQL, HTML/CSS	

Technical

<u>Languages:</u>	<u>Frameworks:</u>	<u>Cloud Services:</u>	<u>Databases:</u>	<u>Tools:</u>
Python3	(Django, Flask, FastAPI)	AWS (RDS, ECS, S3, Lambda, Elasticsearch)	Relational (PostgreSQL, MySQL)	Docker, Atlassian Suite, Postman

Attributes

• Cross-Functional • Adaptable • Accountable • Innovative • Growth-minded • Proactive

Education

Victoria College- Associates of Applied Science in Engineering