

ELVIS SIERRA

Backend Software Engineer
AUSTIN, TX

Contact:

Email: Elvissierra3@gmail.com
Cell: 361-703-7092
Site: elvissierra.io
Socials: [LinkedIn](#) - [GitHub](#)

Personal Summary

Adaptable and dedicated backend software engineer with a strong drive for continuous learning and a proven ability to innovate and collaborate effectively in dynamic environments.

Experience

Sr. Backend Engineer, Onward- Remote Sept 2022 - Feb 2024

- Designed and engineered custom RESTful APIs in moonshot ventures focused on pioneering technologies while leveraging AWS in optimizing performance and scalability for a growing community of data scientists and geologists.
- Revamped search functionality to improve data discoverability through optimized indexing and reduced load times.
- Evaluated technologies and drafted technical docs to determine applicability for future feature implementation and system optimization.
- Leveraged TDD and CI/CD methodologies in feature development and rollouts.
- Fostered remote working collaboration with team members based in Eastern European Standard Time.
- Tech: Python3, Django, Postgres, AWS, Docker, Swagger, Git

Backend Engineer, Cr8ion (Personal Venture) 2021 - 2022

- 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, AWS, HTML/CSS, Git

Backend Engineer/ Team lead, Caterpillar Inc. Mar 2018- Aug 2020

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

Attributes

• Cross-Functional	• Accountability	• Architect
• Flexible	• Continuous Learner	• Motivator
• Innovative	• Proactive	• Collaborative Contributor