

# ELVIS SIERRA

Backend Software Engineer

AUSTIN, TX

## Contact:

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## 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

<ul style="list-style-type: none"><li><u>Frameworks:</u></li></ul> Python3 (Django, Flask)	<ul style="list-style-type: none"><li><u>Cloud Services:</u></li></ul> AWS (RDS, ECS, S3, Lambda, OpenSearch)	<ul style="list-style-type: none"><li><u>Databases:</u></li></ul> Relational (PostgreSQL, MySQL)	<ul style="list-style-type: none"><li><u>Tools:</u></li></ul> Docker, Git, Atlassian Suite, Postman
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## Attributes

<ul style="list-style-type: none"><li>Cross-Functional</li><li>Flexible</li><li>Innovative</li></ul>	<ul style="list-style-type: none"><li>Accountability</li><li>Continuous Learner</li><li>Proactive</li></ul>	<ul style="list-style-type: none"><li>Architect</li><li>Motivator</li><li>Collaborative Contributor</li></ul>
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