Jeremy Hernandez

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Executive Summary

Passionate and driven technology enthusiast with a strong foundation in cloud computing, software development, and automation. Experienced in designing and implementing scalable solutions across diverse environments using modern cloud technologies, DevOps practices, and data-driven approaches. Adaptable and eager to contribute to innovative projects that drive efficiency, security, and growth.

Technical Skills

Cloud Technologies: Oracle Cloud Infrastructure (OCI), AWS (EC2, DynamoDB, S3, CodePipeline), Terraform, Ansible, Docker
Programming & Automation: Python, SQL, Bash, Git, GitLab CI/CD
Data & AI: Pandas, NumPy, TensorFlow, Scikit-learn, Jupyter Notebook
DevOps & Monitoring: Jenkins, Jira, CloudWatch
Web Technologies: Django, Flask, JavaScript, HTML, CSS

Experience

Software Engineer   **Freelance**   **June 2023 – Present**
- Develop full-stack web applications using Python, Flask, and SQL with scalable RESTful APIs.
- Automate deployments and infrastructure management using Ansible, Terraform, and Docker.
- Collaborate with clients to translate business needs into technical solutions, ensuring smooth deployment and handoff.
- Deploy cloud-native solutions on AWS, Azure, and OCI, optimizing performance costs.

Assistant Property Manager (Contract)   **Services for the Underserved**   **July 2024 - November 2024**
- Analyzed housing program data to identify trends and optimize operational efficiency.
- Developed reports on property listings, tenant histories, and compliance violations to aid data-driven decision-making.
- Maintained accurate documentation (leases, property violations) and streamlined communication between departments.
- Implemented data-driven process improvements, enhancing efficiency and resident satisfaction.

Administrative Assistant (Contract)   **DocGo**   **August 2023 - January 2024**
- Managed prioritization systems for guest support, improving customer satisfaction.
- Coordinated appointments and travel arrangements to streamline scheduling.

Projects

ZenVault | *Python, SQL, Terraform, Ansible, OCI* | Link
- A secure and scalable cloud-based file storage system deployed on Oracle Cloud Free Tier, leveraging Autonomous Transaction Processing 23Ai, VCN, Compute (Ubuntu), Vault, REST API, Object Storage, Terraform, and Python.
- Designed to allow users to securely upload, store, and manage files with seamless access control and role-based permissions.
- Implements end-to-end encryption and database-backed storage, ensuring data integrity, security, and high availability.

ChatBox | *Python, SQL, Javascript, HTML, CSS, OCI* | Link
- Developed **a** real-time chat application using Django Channels and WebSockets for seamless live messaging.
- Implemented user authentication, dynamic room creation and message persistence with SQLite3.
- Enhanced UI.UX with JavaScript, optimizing performance, security and responsiveness.
- Deployed on Oracle Cloud Infrastructure (OCI), leveraging Compute Instances and networking services for scalability.

Certifications

- Oracle Cloud Infrastructure (OCI): Foundations, Data Management, AI Foundations.
- AWS Practitioner (In Progress)

Education

Lehman College   **August 2018 - June 2023**
Bachelors of Science in Computer Science | GPA 3.3   Bronx, NY
Relevant Coursework: Artificial Intelligence, Introduction to Networks, Software Engineering, Database, Systems, Operating Systems, Topics in Computer Science.