

Noah Jones

Christiansburg, VA | (831) 278-2718 | jonesnoah45010@gmail.com

TECHNICAL SKILLS

Programming Languages: Python | C# | HTML | SQL | Java | JavaScript | CSS

Tools: Google Cloud Platform (GCP) | MySQL | Flask | Postman | Docker | Jenkins | Unix | Linux | Git | Unity

Other Skills: Software Development | Back-End Web Development | Programming | Debugging | Automation | Machine Learning | Artificial Intelligence (AI) | Cloud Computing | Data Science | Agile Methodologies

WORK EXPERIENCE

Python Development Lead

Alamo, California

The Eighth Notch, Inc.

May 2022 - Present

- Integrated machine learning models into the real-time data processing workflow, enabling predictive analytics for the purpose of optimizing limited computational resources.
- Monitored and fine-tuned the data processing pipeline, proactively identifying and resolving bottlenecks, and optimizing resource allocation for optimal performance in dynamic environments.
- Led the design and development of a RESTful API using Python to synchronize deliveries for shippers and carriers, resulting in a reduction of unnecessary delivery truck stops by 30%.
- Utilized Google Cloud Platform (GCP) and Jenkins to deploy and maintain the API in a scalable and efficient manner, resulting in increased reliability and uptime.
- Collaborated in the development of an A.I. system that accurately predicts which orders can be combined and shipped together, resulting in a 20% increase in order consolidation efficiency.
- Designed and implemented gcloud automation python tooling that reduced company wide workload by 90%.

Python Developer

Alamo, California

The Eighth Notch, Inc.

February 2022 - May 2022

- Designed and implemented a robust data processing pipeline to handle real-time datasets, ensuring timely ingestion, validation, and transformation of customer data.
- Developed and implemented a data cleansing tool using Python and SQL to ensure the accuracy and completeness of customer data, resulting in a 95% reduction in errors.
- Designed and implemented MySQL database to store cleaned data, improving data retrieval time by 40%.
- Developed and maintained ETL scripts using Python to transform raw data into a format suitable for analytics, reducing data processing time by 75%.
- Collaborated with cross-functional teams to understand business requirements and optimize the data cleansing tools, resulting in a 60% increase in productivity and a 40% reduction in manual data cleansing efforts.
- Monitored data quality metrics and performed regular audits using Python to identify and resolve data quality issues in a timely manner, resulting in a 90% improvement in data accuracy and completeness.

Software Development Consultant

Oakland, California

Wyzant | Freelance

July 2020 - February 2022

- Collaborated and contributed to code bases for clients on a wide range of projects ranging from web applications, robotics, game design and backend python engineering.
- Provided expert technical advice and consulting services to clients in the areas of computer science, software development, and information technology, with a focus on robotics, A.I., VR, and mobile game development.
- Conducted research and analysis to understand client needs and develop solutions tailored to their specific requirements to create unique and innovative solutions.

EDUCATION

University of California, Berkeley

Berkeley, California

Bachelor of Arts - Cognitive Science

2016