

Parsa Jahanlou

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Education

Louisiana Tech University, BS Computer Science	Ruston, LA
Cloud Computing and Big Data Concentration, GPA 3.7	Sep 2017 - May 2022

Skills

Programming Languages:	Python, JavaScript, Java, PHP
Technologies:	Django, Flask, AWS, Docker, Kubernetes, PostgreSQL, Node.js, React, MySQL

Relevant Experience

Cloud Engineering Intern	Canandaigua, NY
Constellation Brands	May 2021 - Present

- Optimized the testing process by cutting test cycle time in half using Selenium.
- Automated tag reporting for 500+ EC2 instances across 15+ AWS accounts by deploying a Lambda function written in Python.
- Released an AWS monitoring web application using Django by reporting on the state of 10+ services using serverless technologies.

Web Developer	Ruston, LA
Louisiana Tech University	Sep 2020 – May 2021

- Enhanced the application process for 2000+ prospective students by developing the new College of Admissions website using PHP and React.
- Optimized major selection for prospective students by building a search engine for 100+ programs offered at Louisiana Tech University using catalog API and PHP
- Provided a more user-friendly interface by maintaining the webpages of 7 colleges daily

Application Developer	Buffalo, NY
NanoHydroChem	Aug 2020 – May 2021

- Created an easier interface to graph and compare the attributes of 100+ battery samples by building the frontend using HTML, CSS, JavaScript, and Plotly
- Ensured low latency SQL queries, and backend performance by developing a scalable backend using PHP and MySQL
- Implemented a visual presentation of the database by designing an Entity-Relationship model by analyzing 10+ sample spreadsheets

Personal Projects

Personal Website vynleran.github.io/Personal-Website/	HTML CSS JavaScript PHP
Created a responsive personal website to showcase my HTML, CSS, JS, and PHP skills.	

Library Management System	Java
Built an application with Java, where multiple data structures were used to maximize efficiency.	

Architecture Calculator/Converter	Python
Designed a calculator/converter with Python for an architect to improve work efficiency.	

Leadership

Founder and Lead	Ruston, LA
Google Developer Student Club	June 2021 - Present