

KYLE ZINSSER

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Denver, CO

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TECHNICAL SKILLS

Front-End

HTML, CSS, JavaScript, jQuery

Back-End

C#, .NET, Java, Python, Flask, PHP, C++

Databases

MySQL, MSSQL, Postgres, Redshift, Vertica

Other

Docker, Git, AWS CloudFormation/ECS/S3/Lambda

WORK EXPERIENCE

AlsoEnergy (Acquired by Stem Inc)

Boulder, CO

Software Engineer, Unified Ingest Team

January 2022–June 2023

- Worked with a team to develop a C#/.NET application to streamline many different data pipelines into a single ingest path, processing millions of entries per hour across thousands of solar energy sites
- Developed serverless API for ingesting data with AWS Lambda and API Gateway
- Deployed backend AWS infrastructure using CloudFormations to scale dockerized processors in ECS
- Implemented internal health check for throttling data ingest during performance degradation
- Created Datadog dashboards and alerts for monitoring Kinesis latency and iterator ages
- Implemented C# unit and integration tests with MSTest and Moq
- Implemented live API documentation and deployment with Swagger/OpenAPI
- Practiced Scrum methodology for scoping and refining development tasks in JIRA

Software Engineer, Locus Team

December 2019–December 2021

- Maintained, expanded, and optimized Java Spring REST API serving data to thousands of customers
- Designed and implemented new PostgreSQL database and data aggregation pipeline with Python scripts and tests to reduce tech debt and replace outdated/expensive Vertica SQL database dependencies
- Optimized API backend SQL queries, wrote stored procedures, debugged transaction isolation errors
- Implemented internal administrative web applications using Python Flask and SQLAlchemy
- Maintained and expanded data ingest FTP parser/publishers and data aggregations with Python
- Monitored and updated dozens of legacy Python scripts and Docker applications across Linux VPC
- Provided guidance and technical support in assisting junior developers with environment setup, tool configuration, and initial coding challenges

Zoom Tan

Naples, FL

Full Stack Developer

July 2016–April 2019

- Experience developing, testing, and maintaining PHP-based web applications in a LAMP stack
- Front end web development and design using HTML, CSS, and JavaScript/jQuery
- Back end development using PHP and MySQL to implement CRUD functionality and generate reports
- Expanded access control system to enable per-module and per-page permissions for designated users
- Built ticketing system to track and assign salon issues to maintenance staff across a hundred locations
- Implemented transaction system for handling client refunds using the Litle payment processor
- Practiced Agile development methodologies and Git version control for iterative releases

EDUCATION

Bachelor of Science in Software Engineering

May 2016

Florida Gulf Coast University, Fort Myers, FL