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## Skills

### Full-stack Web Application Development

- HTML/JSEX, JavaScript/Typescript, CSS/SASS, React
- PHP, Python, Go, Ruby, Shell
- Docker, Kubernetes/Rancher, Jenkins
- Git, Github, Terraform, CI/CD
- HTTP, REST, Distributed systems
- Linux, OSX/MacOS, Windows
- Cloud computing, AWS

### Data engineering

- Relational OLTP and OLAP databases/SQL
  - Postgres, MySQL
- Document stores (MongoDB)
- Kafka, Kafka connect, RabbitMQ, Redis
- ETL/ELT, Data pipelines, Airflow

### Design

- Architectural diagramming/Excalidraw
- Wireframing/low fidelity mockups

### Software testing

- Cypress, Selenium
- Jest, Jasmine, Testing-library, PHPUnit, Gherkin

### Geo Sciences

- GIS (ESRI ArcGIS)
- Remote sensing/Spectral analysis (ENVI)
- GPS/GLONASS

## Experience

### Heggerty

#### *Senior Software Engineer*

May 2024 to present

Provide technical guidance and design review for software feature development team. Establish standards to ensure high quality of development. Build new product features and maintain existing ones.

### JazzHR *formerly known as Jazz as well as The Resumator*

#### *Staff Architect*

Jan. 2023 to Apr. 2024

Created prototypes to de-risk projects, compiled project and technical documentation, led software architecture design reviews. Evaluated and prototyped continuous delivery solutions.

#### *Senior Software Engineer*

Mar. 2020 to Jan. 2023

Provided guidance and mentoring for junior engineers. Optimized automated testing for validating builds in the release pipeline.

#### *Software Engineer Team Lead*

Nov. 2014 to Mar. 2020

Led cross-functional feature development team. Led technical planning and refinement sessions in order to match sprint completions with business goals. Enforced, maintained, and evangelized agile development practices. Screened, interviewed, and evaluated candidates for engineering, quality assurance, product management, and system administration positions.

#### *Software Engineer*

Jan. 2013 to Nov. 2014

Built new product features and maintained existing ones. Built and maintained end-to-end, integration, and unit testing suites. Secured application against malicious use. Optimized application performance.

## Education

Bachelor of Arts in Environmental Studies

University of Pittsburgh School of Arts and Sciences

Geographic Information Systems Certificate