

Otto Lutz
ottolutz00@gmail.com

317.752.1865

Fishers, IN

[Otto Lutz - Software Engineer | LinkedIn](#)

Objective:

Software Engineer skilled in Agile development, APIs, communication, and problem-solving seeking to join an organization where I can continue to develop and grow as a developer.

Education:

- **Eleven Fifty Academy, Software Development Immersive Learning Program, Indianapolis, IN, November 2021**
 - 12-week immersive learning program for Software Development taught with an industry-guided curriculum, real-world project-based learning, and 500+ hours of logged coding time and training
- **Hamilton Southeastern High School, Fishers, IN, May 2021**
 - Specialized courses: AP Java, App Development, Computer Science 1&2, and cybersecurity

Competencies & Functional Skills:

Problem-solving, troubleshooting, creativity, visual communication, customer service, critical observation and thinking, organization, Agile methodology, portfolio development, addressing and resolving business challenges.

Technical Skills:

Languages/Libraries: JavaScript, Python, Java, node.js, React, HTML, CSS, npm

Cloud Technologies: AWS, GitHub

CI/CD: Agile, Scrum, Git, AWS CodePipeline, AWS CloudFormation

Databases/ORM: SQL, PostgreSQL, MSSQL, Relational Databases, CRUD, RESTful APIs

Web Technologies: HTML, CSS, APIs, MVC, Responsive web design, Bootstrap

Testing Tools: MSTest, Jest

Technical Projects:

- **Resume Scraper:**
 - The resume scraper is a functional component for a social networking website designed to analyze incoming resume content and extract the relevant job skills and titles. I utilized MSSQL to create a complex text-search query that takes the resume's raw text and cross-references it with our database holding thousands of job skills and titles to find the skills and job title that matches the applicant the best. This feeds into another component that suggests jobs to users based on their acquired skills.
- **Metered API Model:**
 - From scratch, I helped architect and develop a scalable API that follows a tiered subscription model. Users can create an account and purchase a subscription to one of our numerous services. I used AWS API Gateway to create, manage, and authenticate API Keys and track usage per customer.
- **Portfolio Website [Otto Lutz | Portfolio \(ottolutz-00.github.io\)](https://ottolutz-00.github.io)**
 - Utilized HTML, CSS, and Bootstrap to create a portfolio to house my projects, contact information, and story.

Professional Experience:

Software Engineer, Second Sight Data Discovery LLC, Nov 2021 – Present

Job Scope: Designing and maintaining software systems, optimizing performance and costs, and collaborating with a team.

- Utilized various AWS cloud services to create and deploy applications.
- Implemented CI/CD best practices for quick, reliable software changes.
- Practiced micro-service architecture, ensuring that each component in a system is loosely coupled, scalable, and autonomous.

Featured Extra, "Come Out Fighting" – Steven Luke, June 2021 – July 2021

Job Scope: Set up the scene and acted on takes.

Award & Achievement:

- EFA Core Value Award
- **AP®** Computer Science A Exam