

# Gershon Fiedler

## Technical Lead Engineer

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**Gershon Fiedler**

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### About

I'm a seasoned Technical Lead Engineer with over a decade of software development experience, specializing in crafting clean, scalable code. In my current role at Learning Pool, I successfully led a dynamic team to develop an AI conversation interface using cutting edge software and infrastructure.

As the Lead Application Developer, I created a groundbreaking localization automation application, significantly reducing time and costs. With a proven track record, including building a Learning Management System, I bring a proactive approach to problem-solving and continuous improvement. Recipient of multiple Brandon Hall technology awards, I'm a results-driven Technical Lead Engineer dedicated to delivering cutting-edge solutions.

### Experience

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#### **Learning Pool / TECHNICAL LEAD ENGINEER**

2024 - Present, Remote

- As a Technical Lead Engineer, I am responsible for spearheading a dynamic team in the development of an AI conversation interface using OpenAI. Over the course of one year, I successfully led the team from the Proof of Concept (POC) stage to delivering a fully-fledged product. Our tech stack comprises React for the front-end, Node.js for the server-side, AWS Lambda for serverless computing, and a relational database for efficient data management.
- During this period, we secured contracts totaling \$2 million from clients eager to leverage the capabilities of our application. My role involves overseeing the technical aspects of the project, ensuring seamless integration of OpenAI technology, and optimizing the overall performance and user experience. I

collaborate closely with the development team to address challenges, provide guidance, and foster an environment of innovation. Ultimately, my goal is to ensure the successful delivery of a cutting-edge AI conversation interface that exceeds client expectations and establishes a strong market presence.

### **Learning Pool / LEAD APPLICATION DEVELOPER**

2021 - 2024, Remote

- Developed a groundbreaking localization automation application that streamlines the translation process by integrating outputs from multiple AI translation vendors, including DeepL, Google Translate, Amazon, Systran, and Microsoft. This innovative approach optimally leverages the unique strengths of each vendor, resulting in a remarkable reduction of time and costs by multiple orders of magnitude.
- Demonstrated expertise in transforming manual day-to-day processes into automated solutions, including Single Sign-On (SSO) configurations through web application forms and processing.
- Championed strict linting and TypeScript for code quality, creating automated build and deployment pipelines for continuous development. Leveraging GitHub Actions, I automated critical tasks, enhancing reliability.
- Developed Cypress end-to-end tests integrated into our CI process, catching issues early. I thrived in an Agile framework, adapting to change and contributing to collaborative sprints.
- Conducting thorough peer code reviews, I ensured adherence to coding standards, fostering continuous improvement. My initiatives in process enhancement significantly boosted team efficiency and code quality.

### **True Office/ APPLICATION DEVELOPER**

2015 - 2021, Arizona

Engineered a Learning Management System from the ground up, now with fortune 500 clients and with millions of users. The system includes the following togglable and customizable features:

- Localization support for multiple languages with ability to import localization data

- Unlimited Role and permissions
- Multiple methods of ingesting client data from manual forms, excel spreadsheets, to automated SFTP batches
- Automated scheduled event handler and processors for enrollments and emails
- Auditing controls and logs
- Localized Email processing, push notifications and macro encoded values
- Secure custom report generator in a role based, easy to operate, filtering system

Provided level III support for local and international clients

### **Corpedia / WEB DEVELOPER**

2011 - 2015, Arizona

- Created custom online course player for HTML5
- Created tools to easily convert word and excel documents into an online interactive course
- Developed tools that reduced costs on multiple levels of the company's applications and workflows.
- Created applications that reduced need for repetitive and manual inputs
- Converted static designs into HTML web pages

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## **Expertise**

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- PHP - 13 years
  - Javascript - 11 years
  - TypeScript 6 years
  - Angular - 8 years
  - React - 3 years
  - Docker - 3 years
  - API integration and creation - 6 years
  - Python - 6 years
  - Node - 2 years
  - GIT - 11 years
  - Relational SQL - 11 years

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## **Recognition**

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2023 - Brandon Hall SILVER: Best Advance in Emerging Learning Technology

2023 - Brandon Hall SILVER: Best Advance in AI and Machine Learning

2021 - Brandon Hall SILVER: Excellence in Technology Award

2020 - Brandon Hall GOLD: Excellence in Technology Award

2005 - Emmy Award GOLD for excellence in short program