

Gary Suarez

Provo, UT | garys5@byu.edu | LinkedIn | Github

EDUCATION

Ensign College

Associates of Science, Business Analysis

Salt Lake City, UT

Cumulative GPA 3.96

Brigham Young University

Bachelor of Science, Computer Science

Provo, UT

Cumulative GPA 3.64

WORK EXPERIENCE

FHTL, CS Department, BYU – *Lab Research Assistant*

Provo, UT | 07/2023-current

- Led a team to build a TypeScript/Angular app promoting public engagement with genealogy research.
- Utilized Terraform for infrastructure as code, deploying and managing AWS resources including Lambda functions, API Gateways, and DynamoDB for the database.

BELLU.LLC – *Web Developer Intern*

Provo, UT | 08/2023-12/2023

- Created a React and Node.js based tool page for lab staff, streamlining customer data entry, which reduced manual processing time by 40%.
- Led a Shopify-based redesign of the company's website, improving layout and aesthetics.

JRC Law School, BYU – *Front-End Developer*

Provo, UT | 04/2023-07/2023

- Enhanced UI responsiveness and efficiency by integrating React, Node.js, and AWS, leading to a 25% increase in page load speed.
- Improved code quality through rigorous code reviews and debugging, contributing to a 30% reduction in bug reports.

Alumni Relations, BYU – *Full Stack Developer*

Provo, UT | 08/2022-07/2023

- Executed end-to-end web application development and maintenance using a diverse tech stack, including JavaScript, Oracle SQL, and CSS.
- Redesigned website interface, focusing on user experience, which led to a 15% increase in user engagement metrics.

PROJECTS

UsedPartPicker – Created a web app that helps users find deals on used PC parts from platforms like eBay. Integrated AI to analyze listings and suggest high-value purchases. Built using Next.js, TypeScript, MongoDB, and OpenAI API.

Docker Deployment – Successfully deployed a containerized web application using Docker.

Infrastructure as Code with Terraform – Developed and deployed AWS infrastructure using Terraform.

SKILL & INTERESTS

Programming Languages: TypeScript, JavaScript, C++, SQL

Web Development: React, Angular, Node.js, Next.js, HTML, CSS

Cloud & Infrastructure: AWS (Lambda, API Gateway, DynamoDB), Terraform (Infrastructure as Code)

Databases: Oracle SQL, DynamoDB

Tools & Platforms: Git, GitHub, Shopify, AWS

Other: Agile methodologies, Debugging, Code Reviews, User Interface Design