

# Steven S. Sousa

US Citizen | [silver.steven67@gmail.com](mailto:silver.steven67@gmail.com) | (508)-364-3532 | Website: [stevensousa](https://stevensousa.com) | GitHub: [Stevensousa67](https://github.com/stevensousa67)

## EDUCATION

### Bridgewater State University

Bridgewater, Massachusetts

B.S. in Computer Science

May 2025

- o **GPA:** 3.89/4.00, *Dean's List, Summa Cum Laude*
- o **Related Coursework:** Data Structures & Algorithms, Databases, Software Engineering, Cloud Computing, Web Application Development, Artificial Intelligence, Machine Learning, Object Oriented Programming

## EXPERIENCE

### Tech Etch Inc.

Plymouth, Massachusetts

Business Intelligence Developer

Aug 2022 – Present

- Developed a Power BI visibility report, through collaboration with stakeholders, contributing to a yearly \$3.4M revenue increase through early job delivery.
- Created a Power BI report analyzing key metrics of every internal part number, identifying over 147 part numbers for optimization to enhance profitability.
- Built a responsive webpage consolidating deployed Power BI reports into a single hub, overcoming Microsoft's default portal limitations, streamlining report discovery and boosting stakeholder data accessibility.
- Automated a critical daily reporting process using Power BI, saving 31 hours annually in manual effort.
- Collaborated with various departments - from operations to the executive team - to understand reporting requirements and translate business needs into technical solutions and intuitive dashboards.

## PROJECTS

### Holy Bible

Plymouth, Massachusetts

Team Member

June 2025 – Present

- Developing a full-stack Holy Bible web application, where users can read scripture in various languages and versions, by integrating Next.js, React, Tailwind CSS, Postgres, and APIs.
- Users will have the ability to receive notifications for "verse of the day" and be able to follow dedicated bible study plans. This project is also being developed with accessibility features in mind for those who may need it.

### Resume Builder

Plymouth, Massachusetts

Team Member

Jan 2025– Mar 2025

- Developed a full-stack AI-powered web application using Django and Supabase, parsing 2169 job postings into the database, enabling users to generate resumes or cover letters through Google's Gemini API.
- Utilized GitHub Actions, Docker, AWS ECR and EC2 to enable a CI/CD pipeline with minimal downtime and low-latency.

### YelpCamp!

Plymouth, Massachusetts

Team Member

Nov 2024 – Dec 2024

- Built a full-stack web application using Node.js, Express.js, and MongoDB, allowing users to create, edit, and review campgrounds, supporting over 1000 campgrounds.
- Implemented secure user authentication, cloud image hosting, and MapBox API for campground map location view.

### Soccer

Plymouth, Massachusetts

Team Member

Apr 2024– May 2024

- Constructed a full-stack sports web application, delivering real-time standings, schedules, and news for 7 major tournaments, by utilizing Node.js, Express.js, Google Cloud SQL, and leveraging ESPN's API.
- Implemented user login, enabling dynamic tournament and team selection, by integrating Passport.

## SKILLS

**Programming Languages:** JavaScript, TypeScript, Python, SQL, HTML, CSS, Java, C

**Frameworks and Libraries:** React.js, Node.js, Next.js, Express.js, Django, Bootstrap, Tailwind CSS

**Databases:** PostgreSQL, MySQL, MongoDB

**DevOps and Cloud:** Docker, GitHub Actions, GCP, AWS, Supabase, CI/CD

**Tools and Technologies:** Git, Agile, Jira, Unit Testing, APIs