

## **EDUCATION**

### **BACHELOR OF SCIENCE – COMPUTER SCIENCE (SOFTWARE ENGINEERING)**

LOUISIANA STATE UNIVERSITY | GRADUATION - DECEMBER 2023 | CURRENT GPA: 3.45

### **C1 CEFR (SPANISH FLUENCY DIPLOMA)**

EF International Language School - Study Abroad in Madrid, Spain | Spring 2019 |

Bilingual (English & Spanish)

## **EXPERIENCE**

### **OneTier Corp. Dallas, TX**

June 2023 to Present

#### ***FULL STACK SOFTWARE ENGINEER***

- Increased the company's overall website traffic by 20% by leading a cross-functional team of five professionals to deliver a robust, secure, and scalable web application to enhance the company's online presence.
- Implemented RESTful APIs, managed database schemas, and used third-party libraries and APIs for multiple complex applications.
- Built an automated HTML content-generating microservice that leverages the power of modern LLM's to create accurate news articles in Python using Docker.
- Designed and built a technical news article platform that generates advertising revenue.
- Improved application performance by 25% by refactoring legacy code and optimizing server response times.
- Designed a PostgreSQL Database to document and track all the data involved in the project.
- Streamlined workflow by integrating continuous integration/continuous delivery (CI/CD) pipelines into the development process, using Git to keep CTO up-to-date with the project.
- Developed a multi-layered secure authentication and authorization system to ensure data integrity and user safety.
- Collaborated with UX/UI designers to improve site usability resulting in an improved user experience and a 20% increase in user engagement.
- Conducted thorough QA tests to identify and rectify bugs to enhance application reliability and performance.
- Implemented a serverless cloud-computing solution to continuously manage content creation and code execution daily via AWS and Docker

# Jake B. Kinchen - Resume

## Computer Science (Software Engineer)

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### IMPORTANT LINKS (CLICK THESE)

GitHub page [here](#)

Developer portfolio [here](#)

Games I've built [here](#)

Photography website [here](#)

### LEADERSHIP ROLES (ASK ME ABOUT THESE)

#### **Cyber Now (Full-Stack Multi-Media Platform) Dallas, TX**

June 2023 to Now

*Project Lead, Frontend Designer, Backend Designer, and AI Engineer*

#### **Skill Bridge (Full-stack Tutoring Platform) Baton Rouge, LA**

January 2023 to May 2023

*Team Lead and Lead Frontend Designer*

#### **The Sun King (Immersive 3D Visual Experience) Baton Rouge, LA**

January 2023 to May 2023

*Team Lead and Project Visionary*

### SKILLS & ACHIEVEMENTS (WITH HYPERLINKS TO PAST WORK)

- Programming languages: Python, Java, Javascript, React, CSS, HTML5, and C#
- Designed an AI powered CLI tool that uses novel RAG architecture for documentation [here](#)
- UI/UX Wireframe Design (check it out [here](#)) (Google Chrome or Safari)
- Visual design via Adobe Creative Suite (Photoshop, Illustrator, Premiere, AE, XD/Figma)
- SQL and PostgreSQL Database Design and Optimization, professionally and academically
- Won "Best Code Design" in a Google-sponsored Hackathon (Our Github [page](#)).
- Led a team to create a server-based Javascript game in node.js (Our Github [page](#)).
- Led a team of Unity Developers to create a 3D exploration game ([project](#))
- In-depth experience with various Javascript frameworks and Typescript ([project](#)).
- Trained in Agile Methodologies through extensive coursework at LSU.
- Experience with AWS Services (Specifically Lambda and S3 using Boto3)
- Arduino circuit/device configuration and coding integration (see [here](#))
- Video game development and game jams with Unity

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- Designed and implemented a database system for a school project that stored student records and allowed queries based on various criteria.
- Experience in AR creation and spatial design with filters (Spark AR and Lens Studio)
- Directed and produced [a music video](#) for a local artist.
- [Product Proposal Development](#)
- Excellent interpersonal skills collaborating and leading with clients and project partners.
- Professional and Creative Photography (more info on my [website](#))
- Fluent in Spanish through extensive CSC coursework and spent a total of 18 months living abroad in Spain.

### **OTHER ACTIVITIES**

- Founded and led a photography club at my school to share techniques with other enthusiasts.
- Explored various visual arts mediums such as 2D animation, graphic design, and filmography.
- Stage-managed and performed in musical theatre productions such as Hairspray and Grease.
- Competed in many academic quiz bowl competitions and voted captain of the quiz bowl team.