

ALEXANDRIA DUELL

SOFTWARE ENGINEER

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Raleigh, NC



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SKILLS

FRONT-END

Javascript
HTML5/CSS3
React, Redux
Context API

BACK-END

NodeJs
ExpressJs
Knex
PostgreSQL
SQLite3
MySQL
Python
REST APIs
Supabase

TESTING

Jest
Cypress
React Testing
Library

GENERAL

Github
Git
Swagger Docs
Netlify
Render
Whimsical
Figma
Google Collab
Confluence
Notion
Agile Development
Object Oriented
Programming (OOP)
Relational Databases
AWS sdk

SOFT

Creative
Passionate
Hard-Working
Critical Thinker
Open Minded
Empathetic
Growth Mindset
Self-Starter
Team Player

EDUCATION

Bachelor of Science, Mathematics

Grand Valley State University

2012 – 2018

GPA: 3.49

Bachelor of Science, Elementary Education

Grand Valley State University

2012 – 2018

GPA: 3.49

WORK EXPERIENCE

Backend Engineer

SchwaaWeb

May, 2023 – Present

Remote

Description: Deliver a fully functioning application that allows customers to utilize chatGPT easily on a cross-functional team of 6

Technologies: Supabase, Postgres, Flutter, Dart

- Designed and implemented a relational database with a dynamic API
- Collaborated and communicated effectively with interdisciplinary teams to develop new features and ensure successful deployment
- Developed skills and knowledge most needed for the project
- Composed technical documentation using markdown and Confluence

Full Stack Engineer

Freelance – Character Randomizer

Aug 2022 – Present

Remote

Description: Designed and creating an application to create random characters for game masters and players in the table top role playing community (mainly Dungeons and Dragons).

Technologies: React, HTML5/CSS3, Javascript, Node JS, Express JS, PostgreSQL, Netlify, Render, Whimsical

- Designed and implemented a React App from scratch
- Designed and implemented a relational database and a dynamic API
- Implemented test driven development to identify and prevent bugs in the production environment
- Constantly developed knowledge and skills most needed for the project

WORK EXPERIENCE CONT.

Backend Engineer

Jan 2023 – July 2023

Story Squad

Remote

Description: Working on a cross-functional team of 10 to deliver a fully functioning application that help kids get interested in reading, writing and drawing

Technologies: Node JS, Express JS, PostgreSQL, AWS, Digital Ocean

- Implemented a relational database and a dynamic API
- Created and implemented unit tests to identify and prevent bugs in the production environment
- Performed and participated in code reviews and weekly engineering discussions
- Communicated effectively with teammates via chat and video calls
- Composed technical documentation using Notion and Confluence

Assistant Manager

Aug 2022 – Feb 2023

Receptionist and Kennel Tech

June 2020 – Aug 2022

The Biscuit Garden

Apex, NC

- Implemented a new software system and migrated the old system's database into the new system
- Created and implemented an organizational system to find materials and charts more easily increasing productivity by 10%
- Supervised a team of 4-5 people to ensure quality animal husbandry and exquisite customer service
- Made and canceled reservations for services, checked customers in and out using two different software systems, and collected payments for services rendered

Chiropractic Assistant

Sept 2021 – May 2022

Natural Healthcare and Diagnostics

Raleigh, NC

- Troubleshooter for technologies wanting and already implemented in the business
- Transferred old software to a new computer with 100% data transfer rate
- Ran diagnostic test for patients using specialized equipment and software
- Assisted with research on medical topics and supplements

Commercial Lending Assistant

Nov 2019 – April 2020

Bank of Ann Arbor

Ann Arbor, MI

- Advance knowledge in banking software
- Designed and created data for the lenders improving performance by 10%
- Collaborated with the lenders daily to promote cohesion between the clients and lenders

6th Grade Teacher

Aug 2018 – Nov 2019

American Montessori Academy

Westland, MI

- Taught English, Mathematics, and Science; the classrooms switched for Science and Social Studies
- Prepared and implemented lesson plans based on different students' needs and curriculum standards
- Used technology to enhance the learning experience and help students close the learning gap
- Graded, recorded assignments, and test data information in Excel, Word, and PowerSchool
- Analyzed NWEA, M-STEP, and other testing data to improve student learning cohesion