Jacob Webber Full-Stack Software Engineer

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Professional Experience

Software Engineer @ Nasdaq – eVestment
April 2020 – Present // Atlanta, GA (Remote)

- Built financial intelligence web applications in a microservice architecture with C#, VueJs, various SQL databases, an`d AWS technologies.
- Proactively collaborated with management and team members to translate complex requirements into solutions.
- Oversaw completion of a variety of epics in an agile team environment.
- Constructed an ETL pipeline utilizing Terraform for code infrastructure.

Software Engineer @ Apogee Interactive
May 2017 – April 2020 // Atlanta, GA

- Developed responsive web applications for utility companies through the full development lifecycle – from concept planning to a fully customizable solution.
- Refactored backend code to scale automated customer integration processes at 25x previous throughput with comparable speeds.
- Worked in a variety of languages and frameworks such as C#, Javascript, Typescript, KnockoutJs, Razor, HTML/CSS, AWS solutions, PostgreSQL, and SQL Server.
- Mentored software interns and worked closely with QA to meet project deadlines.

Web Developer Intern @ HW Creative Marketing
April 2016 – September 2016 // Athens, GA

- Automated months of manual data entry and website building with PHP and VBA macros to generate and upload over 50,000 HTML posts from decades of reports.
- Designed scripts and cron jobs for updating and reorganizing databases into a CMS.
- Customized plug-ins and applications for clients under short deadlines by utilizing APIs from HubSpot, DropBox, Google Drive, and WordPress.

Volunteer Experience

Computer Science Teacher @ Lakeside Highschool, Microsoft TEALS
June 2018 – Present // Atlanta, GA

- Teaching computer science several times a week for a high school class, from the fundamentals to computer science as a career path.
- Designed curriculums, exams, and lectures closely around GADOE standards.

Projects

D4K // Mobile order web app for an annual Christmas charity party

- Utilized web tech like deep linking mobile apps and geolocation to place orders from a data generated menu.
- Built SQL scripts for data insights like profit margins and item popularity to provide data-driven success for future charity events.
- Written in a node.js javascript stack with EJS, jQuery, expressJs, and postgresql.

LoLQuickStats // Optical character recognition for fast player statistics

- Retrieves and calculates drill-down analytics on team performance in a few seconds by combining Tesseract OCR, image recognition algorithms, and Riot's API.
- Created an original intuitive UI while adhering to the API company's design aesthetics.

More at github.com/jakewebber

Education

University of Georgia
2012 – 2016 // Athens, GA

Bachelor of Science in Computer Science

Languages

C#
Javascript
Typescript
SQL
Java

Frameworks & Libraries

VueJs
KnockoutJs
Bootstrap
jQuery
ExpressJs
Entity Framework

Platforms & Tools

Visual Studio
AWS Solutions
SQL Server
PostgreSQL
Node.js
Git+Stash
Jira
Terraform
Hubspot