Alex Byrd-Leitner

Software Developer

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Software developer with a foundation in full stack development, complemented by a Master's degree in Medical Science and experience as a Physician Assistant. Completed an intensive full stack coding bootcamp through Coding Temple. Eager to apply my software development skills to contribute to impactful technology solutions.

TECHNICAL SKILLS

Technologies: JavaScript, Python, TypeScript, React, Flask, HTML, CSS, PostgreSQL, SQLALchemy
Certifications: Coding Temple - Full Stack Software Engineer

SOFTWARE DEVELOPMENT PROJECTS

PrimeCare: *[[View Project](#)] [[GitHub](#)] (2023)*
- Designed and developed a full stack medical application for a fictional medical practice.
- Technologies used: Python, Flask, JavaScript, React, HTML, CSS, PostgreSQL, SQLAlchemy, Render, ElephantSQL, Vercel, Vite
- Features secure user authentication/authorization through Werkzeug. Patient portal and custom built threaded messaging system enabling patient-provider communication. Integration of separate roles for patients, staff, and admin.

BeerFridge: *[[View Project](#)] [[GitHub - Backend](#)] [[GitHub - Frontend](#)] (2023)*
- Designed and developed an interactive web application enabling users to create and manage a personal beer collection.
- Technologies used: Python, Flask, TypeScript, React, HTML, CSS, Vite, PostgreSQL, SQLAlchemy, Render, ElephantSQL, FireBase
- User authentication and authorization through Firebase. Allows users to upload and store details about their favorite beers. Features a custom built user interface.

Lil' Reddit: *[[View Project](#)] [[GitHub](#)] (2023)*
- Designed and developed a custom built Reddit application that uses the Reddit API.
- Technologies used: JavaScript, React, CSS, HTML, Netlify
- Features include an ad-free homepage that fetches the current top posts from r/popular, search functionality, ability to view subreddits, individual posts, and comments as well as a custom design.

EXPERIENCE

Coding Temple / Software Engineer Trainee   07/2023 - 12/2023
- Developed full stack, backend, and frontend applications using modern development practices
- Used Python and Flask along with PostgreSQL, and Elephant SQL to create secure backends and databases
- Used React, JavaScript, and TypeScript to create efficient frontend systems
- Built and used REST APIs to connect front and back ends

- Implemented modern CSS standards to design visually appealing user interfaces

Vybe Urgent Care / Physician Assistant *(Philadelphia, PA)*   02/2022 - present
- Urgent Care physician assistant in primarily underserved areas of Philadelphia, PA
- Utilization of AthenaHealth Cloud based Electronic Medical Record (EMR)

Tower Health Medical Center / Physician Assistant *(Philadelphia, PA)*   09/2017 - 02/2022
- Urgent Care physician assistant
- Utilization of Epic Systems EMR and part of the company's initial onboarding of Epic EMR

Einstein Medical Center / Physician Assistant *(Philadelphia, PA)*   12/2015 - 09/2017
- Emergency Department physician assistant in an underserved area of Philadelphia, PA
- Utilization of Oracle Cerner EMR

EDUCATION

Coding Temple / *Software Engineering Bootcamp*   12/2023
- Certificate – Software Engineering

Salus University, Elkins Park, PA   10/2015
- Master of Medical Science, Physician Assistant Studies

Penn State University, University Park, PA   05/2011
- B.A. in Advertising, Minor: Business and the Liberal Arts