**WILLIAM CHANDLER**

Software Engineer

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**Summary of Qualifications**

Detail-oriented Software Engineer with 5+ years of experience in full-stack web development, specializing in Python, Java, React, and SQL. Strong background in Agile methodologies and cloud technologies such as Azure and AWS. Adept at improving operational efficiency, writing clean code, and developing web applications. Bringing leadership and problem-solving skills from 23 years of service as a Health Care Supervisor in the United States Army. Seeking to contribute to innovative technology solutions by leveraging my expertise in software engineering and cloud-based platforms.

**Professional Skills**

**Languages:** Python, Java, JavaScript (React, Node.js), SQL

**Cloud Technologies:** Microsoft Azure, AWS

**Web Development:** React, HTML/CSS, JavaScript, Tailwind, Material UI

**Back-end:** Django, Spring Boot, REST APIs, SQL, MySQL

**Automation/Deployment:** Docker, CI/CD

**Testing/Monitoring:** Selenium, PyTest, Pandas, GitHub, Agile

**Data & Analytics:** SQL, Power BI, Tableau, Data Bricks

**Tools:** Git, Figma, AWS, Microsoft Azure, Azure Databricks

**Education**

**Bay State College** Boston, MA

Bachelor of Science in Information Technology May 2019

**Post University** Waterbury, CT

Bachelor of Science in Management October 2016

**Certifications**

**DevCodeCamp** Milwaukee, WI

Advanced Java Programming March 2020

**Claim Academy** St. Louis, MO

Java/Android Development 12 Week Course August 2020

**Professional Experience**

**Jorie AI** Chicago, IL

Principle Django Developer June 2023 - Present

**Technologies Employed: Python, Django, MySQL, MS SQL Server, Pandas, Selenium, Azure, Git, Docker, PyTest**

* Partnered with cross-functional teams to develop a client-facing dashboard utilizing Django Rest Framework, ReactJS, and MySQL. This solution enables authenticated users to seamlessly interact with a dynamic dashboard, featuring real-time Key Performance Indicators (KPIs) and interactive data visualizations.
* Engineered an automated data extraction pipeline using Selenium and Python to streamline the process of retrieving data from client systems, performing necessary transformations, and optimizing database integration. This initiative resulted in a 20% increase in reporting speed for data analysts.
* Leverage SQL, Azure Databricks, and Tableau to generate comprehensive reports and interactive dashboards, delivering real-time insights into key performance indicators (KPIs) within the Revenue Cycle Management (RCM) process for clients.

**Allured Media** Chicago, IL

Python Developer August 2021 – July 2023

**Technologies Used: Python, Django, MYSQL, Pandas, AWS, Git, GraphQL**

* Developed a Django application utilizing webhooks to automate the aggregation of data related to online marketing campaigns. The application generates a daily XML report containing key metrics such as "views," "click-throughs," and "unique impressions."
* Developed automated Python scripts for extracting data from online forms, performing ETL (Extract, Transform, Load) operations to populate a database table, and subsequently integrating the data with an external API via a secondary script.
* Partnered with the team lead to enhance and maintain the company’s existing Django project, integrating advanced security measures, implementing analytics features, applying modern styling, and upgrading both Django and Python to the latest versions.

**Dovetail Internet** Boston, MA

Junior .Net Developer April 2020 – August 2021

**Technologies Used: C#, .Net, Web Forms, SQL, React, HTML, CSS, JS, Redgate, DevExpress**

* Designed two stage authentication system to be used in existing applications, that allows administrators to lock an account that exceeds a predetermined number of attempts.
* Created a system that allows customers to see the number of items available at several different warehouses, where a customer can add a surcharge to choose a specific warehouse for faster delivery.
* Debugged, tested and fixed errors found during the QA process, as well as documented revisions and changes.

**FB Electrical Services Inc.** Needham, MA

Marketing Manager June 2016 – July 2019

* Created and implemented a system designed to measure the effectiveness of all marketing campaigns and reported measurable results to leadership.
* Increased website traffic by 30% over the previous year by improving the company’s social media presence, website ranking, and visibility within the local community. Optimized of the company’s marketing automation and lead nurturing processes through email, video content, and social media channels.
* Oversaw the marketing budget, while ensuring that marketing strategies remained in line with company objectives.

**United States Army** Worldwide Locations

Health Care Sergeant/Supervisor August 1994 – June 2016

* Managed and coordinated 25 different deployment teams globally to succeed including: training, disciplining, and rewarding soldiers; planning, assigning, and directing deployment assets; appraising performance; and resolving logistical issues.
* Directed and trained a staff of 25 medics and team leaders performing instruction and documenting coursework for soldier evaluations in support of maintenance standardization programs.
* Created a widely used computer-based system for tracking the use and ordering of required medical supplies.
* Negotiated with Afghan and Iraqi Health Officials to administer 1M+ lifesaving immunizations across 300+ villages and cities.
* Received over 30 commendation medals including the Bronze Star with Valor award during military service.