

WILLIAM CHANDLER

Full-Stack Software Engineer

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SUMMARY OF QUALIFICATIONS

Detail-oriented Software Engineer with 5+ years of full-stack web development experience and a 23-year career in the U.S. Army demonstrating exceptional leadership in high-pressure environments. Proficient in Python, Java, React, SQL, Azure, and AWS. Skilled in Agile workflows, cloud infrastructure, and building scalable, efficient web applications. Proven ability to lead teams, mentor junior developers, solve complex problems, and deliver high-impact, cloud-based solutions. Eager to contribute to forward-thinking teams developing innovative, cloud-based solutions.

PROFESSIONAL SKILLS

Languages: Python 3.x, Java, JavaScript (React.js, Node.js), SQL

Web: React, HTML/CSS, Tailwind, Material UI

Back-End: Django, Spring Boot, REST APIs, MySQL, MS SQL

Cloud/DevOps: Azure, AWS (EC2, S3, Lightsail), Docker, CI/CD, Databricks, Azure ML

Testing/Automation: Selenium, PyTest, GitHub Actions

Data/Analytics: Power BI, Tableau, Pandas, Scikit-learn

Tools: Git, GitHub, Figma, Agile, Jira, VS Code, Pycharm, IntelliJ

Methodologies: Agile, Scrum, Kanban

EDUCATION

Bay State College

Bachelor of Science in Information Technology

Boston, MA

May 2019

Post University

Bachelor of Science in Management

Waterbury, CT

October 2016

CERTIFICATIONS

DevCodeCamp

12-Week Fully Immersive Program

Milwaukee, WI

March 2020

Claim Academy

Java/Android Development 12 Week Course

St. Louis, MO

August 2020

PROFESSIONAL EXPERIENCE

Promed Health Plus

Full-Stack Developer (Freelance)

Chicago, IL

June 2025 – November 2025

Technologies: ReactJS, Django, Azure, MySQL, Figma, Git, PyTest, Docker, GitHub Actions

Project URL: <https://promedhealthplus.com/>

- Engineered and deployed a secure, HIPAA-compliant healthcare web application trusted by physicians nationwide, serving 100+ monthly providers on the Azure Web Apps infrastructure.
- Architected a scalable MySQL database schema to ensure robust and secure management of highly sensitive patient data and clinical records.
- Delivered fully responsive and accessible user interfaces using React and Tailwind CSS, increasing cross-device compatibility to 100% across the platform.
- Mentored 2 junior developers during the project's final phase, conducting daily code reviews and providing technical guidance to accelerate feature delivery by 15%.

Jorie AI

Full-Stack Engineer

Chicago, IL

July 2023 – June 2025

Technologies Employed: Python, Django, ReactJS, MySQL, MS SQL Server, Pandas, Selenium, Azure, Git, Docker, PyTest, Scikit-learn, Azure ML

- Engineered a client-facing dashboard with React (leveraging Context API for streamlined data sharing across components), Django, and MySQL. The dashboard provides a responsive UI with real-time KPIs and interactive visuals, leading to a 30% increase in client engagement.
- Consumed RESTful APIs to connect frontend React components with backend DRF services, enabling dynamic, real-time data updates across the dashboard while maintaining modular, scalable code.
- Implemented responsive design principles across all React components to ensure cross-device compatibility and a seamless user experience across desktop, tablet, and mobile platforms.
- Developed maintained CI/CD pipelines with GitHub Actions and Docker, enabling reliable, automated deployments on Azure. Oversaw containerized application management via Docker Hub, ensuring seamless coordination between US and India engineering teams.
- Leveraged SQL, Azure Databricks, and Tableau to deliver real-time KPI dashboards, augmenting insights with ML-driven forecasting models to detect revenue bottlenecks and improve RCM performance.

Allured Media

Python Developer

Chicago, IL

August 2021 – July 2023

Technologies Employed: Python, Django throughs, unique impressions) on AWS.

- Developed a Django application with webhook integration to automate daily aggregation of marketing campaign data and generate XML reports with key metrics (e.g., views, click-throughs, unique impressions) on AWS.
- Reduced manual reporting time by 60% and accelerated campaign monitoring accuracy by implementing ETL pipelines using Python, Pandas, and Django REST Framework within an AWS environment.
- Created Python ETL scripts to extract data from online forms, populate structured MySQL database tables, and synchronize results with an external REST API, streamlining a previously manual process and reducing integration errors by 75%.
- Upgraded and maintained a legacy Django platform in collaboration with the team lead, enhancing security, modernizing UI, and integrating in-app analytics to reduce vulnerabilities and boost user engagement.

Dovetail Internet

Junior .Net Developer

Boston, MA

April 2020 – August 2021

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

- Modernized a legacy ASP.NET Web Forms application by migrating core features to .NET Core and incrementally rebuilding the frontend using React JS alongside HTML, CSS, and JavaScript, enhancing performance and maintainability within an AWS cloud environment.
- Designed and implemented a robust to-stage authentication system with account logout policies using C# and .NET, reducing unauthorized access incidents by 15% and increasing user account protection across a platform serving thousands.
- Developed a real-time, multi-warehouse inventory visibility feature leveraging React, SQL, and .NET Core, enabling users to check stock availability across 15+ warehouse locations and contributing to reduced delivery times and increased customer satisfaction.
- Identified, diagnosed, and resolved QA-reported defects and critical bugs across C#, .NET, ASP.NET Web Forms, and SQL environments utilizing Redgate and DevExpress, ensuring production readiness.

FB Electrical Services Inc.

Marketing Manager

Needham, MA

June 2016 – July 2019

- Initiated a weekly marketing performance review process, analyzing key metrics like click-through rates (CTR) and conversion rates, which led to data-driven adjustments and optimized marketing spend.
- Boosted website traffic by 30% year-over-year by enhancing SEO, social media engagement, and local visibility; streamlined marketing automation and lead nurturing via email, video, and social channels.
- Managed the marketing budget while aligning strategies with overall business objectives to maximize ROI.

United States Army

Health Care Sergeant/Supervisor

Worldwide Locations

August 1994 – June 2016

- Managed and coordinated 25 global deployment teams, overseeing training, discipline, recognition, asset allocation, performance evaluations, and resolution of logistical challenges.
- Led and trained a team of 25 medics and leaders, delivering instruction and managing documentation for soldier evaluations in support of standardized maintenance 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 deliver over 1 million lifesaving immunizations across 300+ villages and cities.

- Awarded 40+ commendation medals throughout military career, including the Bronze Star with Valor and the Meritorious Service Medal (MSM), recognizing exceptional leadership, bravery, and service.