

Dana Altier

Bellevue, WA | 425-919-4369 | altierdana@gmail.com
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SOFTWARE DEVELOPMENT | FULL STACK WEB DEVELOPMENT | USER EXPERIENCE

Dedicated and enterprising Full Stack Software Engineer with over 3 years of experience in AI-driven web development, specializing in JavaScript, Python, and React. Leveraged machine learning models to automate product identification for a 1000+ locations convenience store chain, significantly enhanced with a ShopAssist checkout system leading to reduced wait times, improved inventory management, and an elevated customer experience. Implemented advanced user management system to bolster data security and developed real-time video analytics features for an \$11B corporation, leading to a significant reduction in food waste and an increase in customer satisfaction.

SKILLS

- | | | | |
|--------------|--------------|----------------|------------------|
| • Python | • Next.js | • Tortoise ORM | • Docker |
| • HTML5 | • Node.js | • AWS | • Git and GitHub |
| • CSS3 | • Bootstrap | • Azure | • Kubernetes |
| • Bootstrap | • Express.js | • MySQL | • Auth0 |
| • JavaScript | • Flask | • DynamoDB | • REST APIs |
| • React | • jQuery | • MongoDB | • Figma |

PROFESSIONAL EXPERIENCE

Software Engineer
RadiusAI, Inc.

Nov 2021 – Feb 2024
Bellevue, WA

Built and maintained web applications that use machine learning models and AI to analyze video feeds from clients with over 1000 convenience store locations. This system integrates real-time food inventory management, ensuring efficient handling of perishable items and reducing food waste, as well as forecasting demand through predictive analytics, thus enabling timely stock replenishment. By analyzing customer behavior metrics, it provides insights into checkout wait times, queue lengths, shopping patterns, and pump to store conversions, empowering retailers to make strategic decisions related to staff allocation, store layouts, and targeted marketing strategies.

- Built features using **Python, HTML, CSS, JavaScript, React**, and **Bootstrap** that allowed the operations team to increase their weekly location rollout by over **400%**.
- Trained a customer support team to handle daily hardware configuration management tasks, reducing the workload of the engineering team by over **70%**, which allowed for faster product development and bug fixes.
- Leveraged cloud storage solutions in **AWS** and **Azure** to manage network configurations for over 1000 stores with multiple servers and 30+ security cameras.
- Provided real-time retail metrics to clients by using **stored procedures** to convert video pipeline data from **Snowflake** into meaningful analytics.
- Collaborated with UX designers and product managers to create intuitive and user-friendly product experiences.
- Other tools used: **Auth0, Docker, MySQL, Tortoise ORM, Git, Kubernetes, REST APIs**.

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PROFESSIONAL EXPERIENCE CONTINUED

IT Resident Manager Gena's Best Care, Inc.

May 2011 – Apr 2021
Kirkland, WA

Established a web presence for the business by building and deploying their website, as well as implemented **SEO** technologies to ensure a high-ranking position in search engine result pages, which resulted in increase in their digital visibility of over **80%**. Trained and supervised caregivers and managed all IT functionalities for the business.

- Digitized and organized all forms related to patient intake and business management, which led to a **40%** increase in efficiency and accuracy of document filing.
- Provided help desk support, like troubleshooting errors, updating software licenses, or installing updates, both in-person and over the phone when not on-site.
- Installed software, troubleshoot hardware/software issues, and managed updates for all company hardware.
- Supervised medication administration, food handling, and inventory management, as well as maintained regular communication with Department of Health representatives in order to ensure policy compliance and superior standards of care.

Web Application Engineer Off The Record

June 2016 – Sept 2016
Seattle, WA

- Improved customer experience, searchability, and reduced call-handling time by developing and maintaining new front-end tools using **HTML, CSS, JavaScript, AngularJS, Git**.
- Reduced time spent on calls by 30% through extracting related data from several databases and displaying it on one screen for easy access.
- Leveraged **GitHub** to build and deploy new web applications to Amazon Web Services (**AWS**).

EDUCATION & CREDENTIALS

BS Computer Science

Software Development

Western Governors University – Salt Lake City, UT

Web Development Bootcamp

*Triple Black Belt (Highest Honor Possible, less than 5% of graduates),
awarded for a perfect score on all exams*

Coding Dojo – Bellevue, WA

Certifications

Coursera Google AI Essentials	April 2024
CIW User Interface Designer	September 2018
CIW Advanced HTML5 and CSS3 Specialist	May 2018
CIW Site Development Associate	April 2018
CompTIA CompTIA Project+ Certification	April 2017
CompTIA CompTIA A+ Certification	April 2016
CIW Web Foundations Associate	April 2015
CIW Database Design Specialist	December 2014