

# Dana Altier

Bellevue, WA 98005 | 425-919-4369 | [Email](#) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## SOFTWARE DEVELOPMENT | FULL STACK WEB DEVELOPMENT | USER EXPERIENCE

Dedicated and enterprising Full Stack Software Engineer with over 2 years of experience in AI-driven web development, specializing in JavaScript, Python, HTML5, CSS3, and React. Leveraged machine learning models to automate product identification for a 1000+ locations convenience store chain checkout counters, significantly enhanced with a ShopAssist system 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.

- Software Development
- Software Engineering
- Web Development
- Full Stack Web Development
- Front End Development
- Back End Development
- User Experience
- Database Management
- Cloud Computing
- Data Structures
- Algorithms
- OOP

## 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 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.
- Collaborating with UX designers to create intuitive and user-friendly product experiences.

**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.

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## PROFESSIONAL EXPERIENCE CONTINUED

### Web Application Engineer

June 2016 – Sept 2016

#### Off The Record

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.
- Utilized GitHub to build and deploy new web applications to Amazon Web Services (AWS).

## EDUCATION & CREDENTIALS

### BS Software Development

*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

CIW | Database Design Specialist

December 2014

CIW | Web Foundations Associate

April 2015

CompTIA | CompTIA A+ Certification

April 2016

CompTIA | CompTIA Project+ Certification

April 2017

CIW | Site Development Associate

April 2018

CIW | Advanced HTML5 and CSS3 Specialist

May 2018

CIW | User Interface Designer

September 2018

### Technical Skills

- Python
- HTML5
- CSS3
- JavaScript
- React
- Tortoise ORM
- AWS
- Azure
- MySQL
- DynamoDB
- Docker
- Git and GitHub
- Kubernetes
- Auth0
- REST APIs