


Miles Raker

Full Stack Web Developer

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 [LinkedIn/MilesRaker](https://www.linkedin.com/in/MilesRaker)

 [GitHub/MilesRaker](https://github.com/MilesRaker)

 [MilesRaker.com](https://www.MilesRaker.com)

Technical Skills

HTML, CSS, Bootstrap, MySQL, C#, JavaScript, jQuery, Programming, Java SE, Java EE (Servlets, JSP), Spring, Thymeleaf, Object-Oriented programming, Paired Programming, Test-Driven Development, Azure, React, Agile, Version Control with Git, AWS, Public Speaking, SQL, UWP, technical documentation, wireframes, storyboards, create Readme files

Education

Codeup

Certification of Completion

Sep 2022 - Feb 2023

A fully-immersive, project-based, and intensive 20-week Full-Stack Java Career Accelerator that provides students with 670 hours of expert instruction in software development

St. Martin's University:

Washington Vets2Tech Cloud

Application Design Certificate

Jan 2022 - Apr 2022

Graduated Cum Laude with a 4.0 GPA from a intensive 16-week Cloud Application Design career accelerator that provides 12 undergraduate credits and an in field internship.

Secret Security Clearance, Expired

I develop satisfying human-computer interactions. Authentic and curious full stack web designer intent on building the future of humanity through code. Coding became my passion in electrical engineering school, which led to a series of coding boot camps and starting my career as a software engineer.

Development Projects

Professional Portfolio

Showcasing my software development projects, this website amplifies my voice to hiring managers. Users are able to view my resume, values and projects in a mobile responsive format. This application uses a continuous integration (CI) pipeline, allowing me to keep the website data current.

Link: www.MilesRaker.com | [Github link](#)

Environment: React, React Router, HTML, CSS, JavaScript, User Interface (UI), Material UI, Agile, Kanban, system architecture, specifications, interface control, MySQL, Microsoft (MS) Active Directory, MS Server 2019, user stories, wireframes, JUnit

Codeup Portfolio

Written in basic JavaScript (without a framework), this website proves advanced understanding of web development fundamentals. Users can filter through the academic projects produced at Codeup by skills used, view the projects live, and navigate to source code on Github. This website is static, chronicling my academic journey.

Link: [Live project](#) | [Github link](#)

Environment: HTML, CSS, JavaScript, Bootstrap, JQuery

Professional Experience

Saint Martin's University - Lacey, WA

Full Stack Engineering Intern / Jan 2022 - May 2022

- Developed Washington Vets 2 Tech (WAV2T) Hiring Portal
 - Researched and implemented a new framework, React.js
 - Created continuity book and video training materials for subsequent interns
 - This hiring portal connects WAV2T students and hiring partners

Federal Aviation Administration - Des Moines, WA

Electronics Engineer / Sep 2019 - Jan 2021

- As project manager for waypoint equipment upgrade I conducted:
 - Environmental, airspace, and safety regulatory analysis
 - Designed upgrade schematics
 - Coordinated service outages with air traffic control
 - Performed in field upgrade operations
 - This project resulted in zero navigation signal loss, zero injuries, was completed ahead of schedule and 10% under budget
- Designed survey template for Distance Measuring Equipment (DME) projects
 - Saved 10% of project engineering time over 63 projects, while increasing report clarity and accuracy

Microsoft Software and Systems

Academy:

Cloud Application Design Certificate
Jan 2021 - Apr 2021

Graduated Cum Laude with a 3.7 GPA from a 16-week Cloud Application Design (with focus in Azure and C#) curriculum developed by Microsoft.

University of Washington:

BS in Electrical Engineering
Jan 2017 - Sep 2019

Graduated Cum Laude with a 3.7 GPA, with focus in microprocessors.

Washington State University:

BM in Music Performance
Sep 2005 - Apr 2009

Graduated Cum Laude with a 3.6 GPA, with focus in trumpet and jazz studies.

Certifications

Amazon Web Services (AWS)

- [Cloud Practitioner](#)

Microsoft

- [Azure Fundamentals](#)
- [Azure Data Fundamentals](#)
- [Azure Artificial Intelligence \(AI\) Fundamentals](#)

Linux Professional Institute

- [Le-1 Linux Essentials](#)

CompTIA

- [CompTIA ITF+](#)

Washington State License Board

- Electrical Engineer in Training

US Army National Guard - Camp Murray, WA

Musician, Sergeant / Feb 2016 - Jan 2022

- Activated for 87 days in response to COVID-19
 - Provided excellent customer service as a contact tracer, conducting over 30 phone calls to individuals infected with COVID-19, then informing those who were in contact with infected persons, significantly lowering the rate of infection.
 - Led and supervised my 6 soldier squad to operate a food bank, while operating under COVID-19 safety protocols
- Performed trumpet in over 150 public concerts across Washington State, supporting local festivals, schools, and state events.
- Conducted a three part training in Audio Engineering for my unit of 43 soldiers, which included both theory and hands on demonstrations. Skills gained in these training sessions contributed to zero accidents and a 50% decrease in wiring errors in the year following this training.
- Selected for promotion from Specialist to Sergeant, ahead of 8 peers.

US Army - Seoul South Korea, Newport News VA

Musician, Specialist / Apr 2009 - Feb 2016

- Led a military Rock Band, an international team of US and Korean soldiers to design, rehearse, and perform 12 musical outreach missions for 15,000 citizens in Seoul, South Korea.
- Created, resourced, and implemented a stage lighting department at Fort Eustis, VA. This department satisfied a key tenant of my unit's mission essential task list (METL), enabling my unit to perform independently, outdoors after dark and our ability to influence attention on stage.