

Aman Berhanemeskel

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TECHNICAL INVENTORY

Java • Active Server Pages / ASP.net • JavaScript • Flexbox • MVC • HTML • CSS • Grid • TDD • Agile (Scrum) • Object Oriented Programming (OOP) • AJAX • JSON • React • Restful APIs • Responsive Design / Mobile • Relational Databases / MS SQL • Source Control / GitHub • Visual Studio Code • IntelliJ IDEA Community Edition • Sublime Text

EDUCATION & TRAINING

We Can Code IT

Certificate of Software Development

December 2021

Marietta College

Bachelor of Science in Petroleum Engineering, ABET Accredited
Bachelor of Science in Geology

May 2017

SOFTWARE DEVELOPMENT EXPERIENCE/PROJECTS

[\[https://github.com/RedSonAzriel\]](https://github.com/RedSonAzriel)

Virtual Pet Shelter: Designed console application that lets users create and interact with their own virtual pets.

Java, IntelliJ Idea Community, VS Code, Github, GitBash, TDD, OOP

Personal Portfolio: Designed a personal portfolio website that showcases my professional experience and the projects I have worked on.

Java, HTML, IntelliJ Idea, VS Code, Git, Github, GitBash, TDD, OOP

National Parks Review: Built a dynamic web application with a MVC architecture that showcases the national parks of America based on regions(East, Central, Rockies, and West). Consists of proper naming conventions and utilizing OOP principles and Agile workflows and tools. Utilized GitHub projects to create a kanban board as well as sprint planning sessions. Applied paired programming and incorporated TDD to create a suite of unit tests and integration tests into our application.

Java, HTML, IntelliJ Idea, Spring Boot, Hibernate, Thymeleaf, VS Code, Pair Programming, Github, TDD, OOP

Cookie Clicker: Inspired by the original cookie clicker game I applied my personal take by creating a website that uses button clicks to create cookies. The cookies can be used as currency to buy Auto Clickers and Cookie Multipliers, which will be used to make even more cookies.

Java, HTML, CSS, IntelliJ Idea, VS Code, Git, Github, GitBash, TDD, OOP, ES6

Vinyls Before Finals: Created an Jukebox themed website application that can easily keep track of library album record collection and access music by albums or individual tracks. Displays the collection using Splide, allowing the user to review, add, rate, and remove albums.

Java, HTML, JSON, REST, API, JavaScript, CSS, IntelliJ Idea, Splidejs, VS Code, Github, GitBash, TDD, OOP

Six Top POS: Worked on a six person team to create a Point Of Sales system that is built from the ground up to enable server staff to input orders directly from their mobile device. This application is specifically focused on mom-pop shops priced out of the higher tier POS.

Java, HTML, JavaScript, CSS, JSON, MVC, Pair Programming, IntelliJ Idea, VS Code, Github, GitBash, TDD, OOP

PROFESSIONAL EXPERIENCE

Red Sea National LLC (Sept. 2018 to Present)

Consultant

- Strengthened private equity projects with savings of \$3MM through analysis of potential purchase opportunities.
- Maintain accurate customer accounts in the company computer system by keeping track of data, personnel information, inspections, audits, and local and state policy changes.
- Track record of identifying clients, negotiating fees and terms, and achieving KPIs in a timely manner.

AQYRE Energy (April 2018 to April 2020)

Land Technician II

- Supported a \$3MM+ suspense project. Researched and located revenue interest holders and saved the client ~\$174,000 in taxable revenue.
- Created a reserves analysis, with a specific focus on Wyoming acreage, using DrillingInfo and public production history.
- Set up well working interest, royalty interest and overrides through analyzing and researching Title Opinions, Assignments, Conveyances, Stipulation of Interests, Pooling Affidavits, Communitization Agreements, etc. and advise Management of title issues that arose.

MILITARY EXPERIENCE

U.S. Army Reserves (October 2020 to Present)

Petroleum Laboratory Specialist (92L)

- Work on an eight person team conducting laboratory tests for contaminants strength, and toxic qualities on petroleum, oil, and lubricant products. Then evaluating the test results against specification requirements and making recommendations regarding product disposition;
- Maintain yearly defensive tactics training, physical standards requirement (ACFT), range qualifications.
- Participated in a Cruiser Weapons training, gaining experience with the 249, and 240 Bravo series.
- Obtained driving certifications for the High Mobility Multipurpose Wheeled Vehicle (HMMWV) and the Light Medium Tactical Vehicle (LMTV).