

Bryce Mattson
(He/Him/His)
(720) 648-3942
bmattson.dev@gmail.com
<https://www.linkedin.com/in/perhaps-bryce-mattson/>

Summary

Detail-oriented software engineer with a Bachelor's degree in Computer Science and experience in full-stack development, data visualization, and cloud services. Seeking to leverage my technical skills and problem-solving abilities to create robust and user-friendly applications.

Education

California State University, Fresno (Fresno State), Fresno, CA

Bachelor's of Science, Computer Science

May 2022

Relevant coursework: Web Programming, Database systems

Technical Skills

- Front-end development: HTML, CSS, JavaScript (React.js) (Next.js)
- Back-end development: JavaScript (Express.js), MongoDB
- Testing: Jest
- Cloud services: AWS
- Containerization: Docker
- Other Languages: Python, C++
- Version Control: Git, GitHub

Experience

Software Engineer | Earth Science Agency | Frederick, CO | November 2022 - Present

- Developed and deployed 'ESA Analytics', a web-based application for visualizing and analyzing geological well data across the USA
- Increased quality control speed for well data through use of data visualization.
- Engineered a responsive user interface with React.js and integrated data visualization using Plotly.js, improving the client's analytical capabilities and decision-making process.
- Constructed a resilient and scalable back-end using Express.js, ensuring high performance and stability of the application.
- Implemented an auto-scaling solution on AWS, guaranteeing application availability and responsiveness during peak usage times.