

Giselle Ross

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TECHNICAL SKILLS

Languages | JavaScript

Cloud Deployment and Technologies | Docker, Git, Feature branch workflow, Amazon Web Services(AWS) S3 buckets, AWS CloudWatch, AWS EC2, AWS RDS, AWS Elastic Beanstalk

Database Concepts and Technologies | Entity relationship diagrams, Database scaling, PostgreSQL(v16.2)

Server-Side Concepts and Technologies | Node.js(v21.7.0), Express.js, Next.js, MVC, Stress testing & scalability

Client-Side Concepts and Technologies | HTML5/CSS3, DOM & DOM API, React.js(v18.2.0), AJAX / Fetch, Component-based architecture, TailWind CSS

Fundamentals of Computer Science | Data Structures, Algorithms

Certifications

Security+ Certificate

May '23

AWS Cloud Practitioner

Apr '22

EDUCATION

Operation Level-Up | Advanced Software Engineering Immersive Program

Dec '23 - Apr '24

- Acquired practical skills in front-end technologies such as HTML, CSS, and Javascript, along with modern frameworks like React and NextJS
- Gained proficiency in back-end development using Node.js and Express
- Developed a solid understanding of database management with PostgreSQL
- Collaborated on team projects, applying agile methodologies and version control with Git in Visual studios and GitHub
- Participated in regular code reviews and feedback sessions to enhance coding skills and best practices

RELEVANT EXPERIENCE

HelloWorldButInSpace | Software developer | Hackathon Participant -
Fall In Galactic Veterans Hackathon |

May '24

<https://github.com/giselleRoss/HelloWorldButInSpace>

Cooperated with a diverse team of six developers, ranging from beginners to senior levels, to build an innovative application for space exploration and defense using Vite/React on the frontend and Express on the backend

- Curated a space education application by analyzing GPS, satellite, and weather data using React-Google API, OpenWeatherMap API, and WhereTheISSAt API
- Teamed up with Uber to successfully deliver a high-quality project within a challenging 3-day timeframe, **accelerating completion by 50% through intensive project planning**

LinkLearning | Software Developer | <https://github.com/Blue-Ocean-MCSPA/link-learning> | Next.js, PostgreSQL, TailwindCSS

Apr '24

Led a team of 9 developers to build a collaborative learning application with multiple user roles

- Guided & mentored a development team using **Agile methodologies** & Javascript programming, increasing team productivity by 30%
- Drove team collaboration & project stability by instituting Git workflow practices such as **pull requests, feature branches, & resolving merge conflicts within GitHub**, leading to a 30% decrease in integration issues

Disney Clone | Front End Developer | <https://github.com/Control-Alt-Defeat-MCSP2312/disney-clone> | React, Next.js, PostgreSQL

Mar '24

Collaborated in the development of a front-end application to replicate a product page from the Disney store website

- Deployed a sticky sidebar, **increasing scroll depth by 15%** and improving click-through rates within an agile development environment using Scrum methodology
- Utilized React context for **real-time updates** in the header, allowing seamless user interaction like adding items to the shopping bag & wishlist

MILITARY EXPERIENCE

US Army | Aberdeen, MD/Enterprise, AL

Nov '17 - Apr '24

Active Duty- Healthcare Specialist