Giselle Ross

Software Developer

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🌐 Portfolio

TECHNICAL SKILLS

Programming Languages | JavaScript

Cloud Deployment and Technologies | DevOps, CircleCI, Docker, Git, Feature branch workflow

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, Event listeners, React.js(v18.2.0), AJAX / Fetch, Component-based architecture, TailWind CSS

AWS Services | S3 buckets, CloudWatch, EC2, RDS, Elastic Beanstalk

Fundamentals of Computer Science | Data Structures, Algorithms

RELEVANT PROJECTS

LinkLearning | Full Stack | 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 using Next.js, React, Node.js, PostgreSQL, Vercel, and Tailwind CSS.

- Achieved rapid implementation of BCrypt & **Jose/JWT authentication functionality**, surpassing expectations in a 2-day timeframe, yielding a 30% reduction in projected completion time
- Implemented 9 API endpoints with the Next.js framework to improve frontend and backend communication, resulting in a 20% increase in system efficiency
- Boosted team collaboration & project stability through the implementation of Git workflow practices like **pull requests, feature branches, & resolving merge conflicts**, resulting in a 20% reduction in integration issues

Disney Clone| Front End | https://github.com/Control-Alt-Defeat-MCSP2312/disney-clone| React, Next.js, PostgreSQL   Mar '24

Collaborated in the development of a front-end application using Next.js, React, and PostgreSQL to replicate a product page from the Disney store website

- Enhanced user engagement by incorporating **Tailwind CSS with React JS** in a sticky sidebar, leading to increased scroll depth & click-through rate
- Utilized React context for **real-time updates** in the header, allowing seamless user interaction like adding items to the shopping bag & wishlist
- Revamped e-commerce platform to significantly increase user engagement by applying expertise in **React, Next.js, & Tailwind CSS**
- Optimized frontend-backend communication using **RESTful APIs** with Node.js, React, & Next.js, resulting in improved responsiveness & system scalability

Paw Trainers | Full Stack Engineer | https://github.com/JacobR96/PawTrainers.git |PostgreSQL NextJS TailwindCSS   Dec '23

Full stack application for dog trainers and clients with dogs

- Doubled storage capacity through integrating AWS backend with PostgreSQL & S3, **overcoming integration challenges**
- Drove a 30% increase in user engagement by building & optimizing the articles component & HTML using **HTML, CSS, JavaScript, & React**
- Improved website navigation by implementing a **responsive design carousel** with auto-scrolling & dynamic content display

PROFESSIONAL EXPERIENCE

US Army | Healthcare Specialist

Nov '17 - Present

- Facilitated cross-team communication and goal alignment among medical professionals, leading to a **20% productivity boost across the department**
- Coordinated with a multidisciplinary team during 6 crisis situations, showcasing **adaptability & effective communication skills** in high-pressure scenarios
- Collaborated with pharmacists and doctors to analyze medication errors, identifying root causes, and implementing corrective measures resulting in a 3**0% decrease in adverse drug affects** and improving **patient satisfaction by 40%**

Certifications

Security+ Certificate

May '23

AWS Cloud Practitioner

Apr '22

EDUCATION

Operation Level-Up | Advanced Software Engineering Immersive Program

Dec '23 - Apr '24

- 18-week Advanced Software Engineering Immersive that includes over 700 hours of coding focusing on a PERN stack in an agile environment