

Stephen Myers

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Professional Summary

IT professional with 5 years of diverse experience in programming, systems administration, and database management. Skilled in developing full-stack applications, administering PostgreSQL and Oracle databases, and troubleshooting complex systems in both on-premise and cloud environments. Strong understanding of security practices, database optimization, and application integration. Proven ability to collaborate with cross-functional teams to deliver reliable, high-performance solutions.

Technical Skills

Frontend: React.js, Redux, Redux-Saga, React-Native, Vue.js, Flask

Backend: Node.js, OAuth, Passport, Express.js, PL/SQL

Languages: JavaScript, C#, Python, Java, SQL, CSS, HTML

Databases: Oracle 11g/12c/19c, PostgreSQL, SQL Server, MySQL

Tools: npm, Git, Jira, Oracle Application Express, Jenkins, Agile Methodologies, Jest, Webpack, Mocha, Chai, Babel, Docker

Cloud Services: AWS Cognito, AWS DynamoDB, AWS CloudWatch

Enterprise Applications: IBM FileNet P8, Oracle WebLogic, Oracle Application Suite

Projects

Unity 3D Personal Project (Sporelords)

In this game, the aim for the player is to expel enemies from all regions of the world and to defend their home base. To do that, the player must embark on a journey to upgrade their arsenal, bring online various pieces of societal infrastructure to discover new tech, and to defeat each boss in every region. All enemies and regions are procedurally generated.

- Developed a terrain generation algorithm using the Simple Tile Model version of the Wave Function Collapse algorithm.
- Created a unique enemy AI system with advanced pathfinding, a priority queue, and grouping behavior.
- Implemented basic player functionality, including movement, weaponry, and a unique inventory system.
- Utilized AWS Cognito for player authentication.
- Implemented and optimized database performance and availability strategies for player data using AWS DynamoDB, ensuring high availability and efficient data retrieval, and storing game state data for synchronization and recovery.
- Incorporated AWS CloudWatch for cloud-based analytics and performance tracking.

Education

Hack Reactor at Galvanize | 2018

Advanced Software Engineering Immersive

Austin Community College | 2015 - 2016

Computer Science

Professional Experience

Deep Lineage | November 2023 - Present

Database Administrator (Full Time)

- Managed and maintained Oracle Application Express (APEX) environments, ensuring high performance, availability, and security of web-based applications.
- Worked closely with development teams to implement database-driven applications using Oracle APEX, leveraging PL/SQL for back-end logic and complex business rules.
- Administered Oracle database dependencies, including Oracle WebLogic, Oracle 11g/12c, and Oracle BI applications, optimizing performance through advanced tuning techniques.
- Provided Oracle Applications Suite administration, handling configurations, monitoring, and system performance optimization to ensure reliable application services across the environment.
- Performed database migrations, patches, and updates, ensuring compliance with security and change management policies.
- Led disaster recovery planning and implemented backup strategies to ensure business continuity.
- Provided troubleshooting support for database and application issues, collaborating with third-party vendors to resolve incidents.

Coding With Kids | December 2023 - Present.

Coding Instructor (Part Time)

- Develop and deliver an engaging curriculum for programming courses aimed at students from grades K to 12, adapting instructional methods based on age and skill levels.
- Teach fundamental programming concepts to elementary students using Minecraft Education Edition and Code Kingdoms, focusing on visual scripting and block-based coding integrated with Java.
- Instruct middle and high school students in web development, covering Python, C#, HTML, CSS, and JavaScript, with practical applications using Flask to create dynamic websites.
- Mentor students in developing full-stack applications using Flask, React.js, and MySQL, covering topics like RESTful APIs and database integration.

eOne Solutions | January 2022 - May 2022

Software Engineer (Full Time)

- Leveraged ReactJS to develop and implement diverse components, resulting in enhanced functionality and user experience.
- Resolved CSS inconsistencies and optimized backend routes for new features.
- Proactively identified and addressed bugs, preventing potential issues in the future.
- Led the creation of a widget theme resembling a Microsoft tool, enhancing usability.

Visa | September 2020 - May 2021

Software Engineer (Contract)

- Developed and integrated dynamic features for n-level searching within the hierarchy.
- Implemented front-end features and handled numerous stories with limited UI guidance.
- Resolved bugs within legacy repositories, ensuring software stability and enhancing user experience.

Visa | October 2019 - April 2020

Software Engineer (Contract)

- Enhanced the company's order tracking framework using ReactJS.
- Led the transition from legacy UI to updated application, improving usability.
- Optimized user interface by minimizing white space and upgrading in-house UI .