KYLAN THOMSON

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PROFILE SUMMARY

As a diligent Full Stack Developer with rich experience in React, Node.js, Python, and AWS, I excel in designing, developing, and maintaining comprehensive web applications. Known for pioneering user-friendly interfaces and responsive designs like the 'Resume Revival' application, I meticulously build clean, efficient, and maintainable code while integrating front-end and back-end components. With a bachelor's degree in Computer Science, and a skillset honed in a fast-paced startup environment, I am adept at following Agile development methodologies, performing thorough code reviews, troubleshooting issues and perfecting software through continuous testing, ensuring robust web security and optimal performance.

PROFESSIONAL EXPERIENCE

Credera | Software Developer   **January 2022 – June 2023**

• Designed, developed and maintained real-time data streaming pipelines using modern programming languages and frameworks like AWS Managed Streaming and Apache Kafka.
• Implemented Integration testing with Java to ensure application stability, speed, scalability, and efficiency resulting in consistent data quality.
• Utilized Terraform for infrastructure as code (IaC) and orchestration to manage cloud resources, demonstrating strong understanding of DevOps practices and tools.
• Incorporated GitHub Actions to establish CI/CD environments, optimizing development workflows and enhancing team collaboration.
• Led the strategic LinkedIn.com/kylanthomson localization initiative using React and Node.js, fostering enhanced user experience.
• Employed Azure Data Factory for RDBMS migration, strengthening back-end development capabilities.
• Created a business forecasting dashboard using Python and PowerBI, enabling efficient data-driven decisions.

UNO | Software Developer   **December 2021 - January 2022**

• Participated in the design and development of scalable applications using various languages and platforms, enhancing full stack web development skills.
• Liaised with stakeholders to gather requirements and translate them into user-friendly interfaces while maintaining clean, efficient, and maintainable code.
• Improvised application performance and scalability using AWS cloud services, reflecting a good understanding of cloud platforms.
• Leveraged React and Node.js for responsive front-end development aligning with industry trends in web development.
• Adopted Flutter for efficient cross-platform mobile app development with React Native, enhancing application performance across multiple platforms.

SKILLS

Full Stack Web Development, Front-end Development, Back-end Development, Web Application Design, User Interface Creation, Responsive Design, Code Efficiency, Application Testing, Bug Fixes, Performance Tuning, Security Patching, Component Integration, Application Scaling, Code Review, Problem-Solving, Collaborative Teamwork, HTML, CSS, JavaScript, React, Node.js, Python, Web Security Principles, Agile Development, Git Version Control, RESTful APIs, Communication Skills, AWS Cloud Platform, DevOps Practices, Docker, Cross-Platform Development.

EDUCATION

Bachelor's Degree in Computer Science   **Jan 2016 - May 2021**
Virginia Commonwealth University, Richmond, VA

Academic achievements include making the Dean's list and founding CS Certs, an organization that leveraged academic funding to provide students with study materials and exams for certifications related to web development and computer science. This experience deepened understanding of industry trends and advancements in web development and honed problem-solving and collaborative skills. Also engaged in agile development methodologies and utilized version control systems like Git.

PERSONAL PROJECTS

Resume Revival | www.resumerevival.xyz

• Developed a state-of-the-art, free-to-use web application that leverages advanced artificial intelligence to transform job applications.
• Utilized Google Cloud, React, Node.js, and Python to build a platform that generates custom-built resumes and cover letters, finely tuned to match specific job descriptions.
• Implemented an AI-driven system that crafts compelling, keyword-rich applications designed to resonate with recruiters and bypass applicant tracking system (ATS) software.
• Integrated a free skill gap analysis feature that provides users with critical insights into areas they need to develop to become the perfect fit for their dream jobs.
• Committed to making the job application process more efficient and effective for job seekers everywhere, Resume Revival is more than just a document creator; it's a comprehensive career development tool.

Stock Market Dashboard

• Designed and developed a comprehensive stock market dashboard using Java and Python.
• Implemented machine learning algorithms for accurate price prediction, aiding users in making informed investment decisions.
• Incorporated Natural Language Processing (NLP) to summarize SEC documents, providing users with easy-to-understand, concise information.
• The dashboard serves as a valuable tool for investors, providing them with predictive insights and summarized financial documents to guide their investment strategies.

CERTIFICATIONS

Google Cloud Platform Associate   **June 2022**
Google Cloud Platform Data Engineering   **June 2022**