**Sr. Staff Software Engineer**

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**Professional Summary**

* Senior Staff Software Engineer with solid work experience in advanced JavaScript Development, specializing in serverless architectures, Graph QL and database management.
* Expertise in creating highly interactive and responsive user interfaces using Angular, ensuring seamless experiences across devices.
* Skilled in system conversion strategies, collaborating with cross-functional teams for successful implementation.
* Implemented API-led connectivity using Any Point Platform for reusability and scalability of APIs.
* Automated batch image processing with Photoshop scripts, saving 15 hours weekly in image optimization.
* Achieved a 50% reduction in rendering time with Angular Change Detection optimization.
* Enhanced application capabilities with third-party JavaScript libraries, including data visualization features.
* Built scalable back-end systems with real-time data updates using Node.js and Graph QL, reducing data processing time by 20%.
* Implemented advanced authentication and authorization mechanisms using JWT and integrated with services like Cognito and Azure Active Directory.
* Reduced unnecessary data transfers and improved application response times by 40% with React-Query integration.
* Achieved 50% cost savings through a serverless architecture using AWS Lambda, AppSync and Azure services.

**Moody’s Analytics Sep 2022 - Present**

**Sr. Staff Software Engineer NYC, New York**

* Spearheaded scalable full-stack applications using Graph QL and advanced frameworks.
* Implemented React, Next.js, and Vue.js to optimize performance by 43% and reduce response times by 27%.
* Utilized M Unit for comprehensive unit testing of Mule soft applications, increasing testing coverage by 25%.
* Collaborated with backend teams to architect and consume Graph QL APIs in Angular, achieving a 50% reduction in data transfer.
* Applied advanced features of Angular, including lazy loading and AOT compilation for high-performing front-end applications.
* Engineered data-driven UI components using Angular Reactive Forms, reducing user input errors by 30%.
* Implemented Angular Universal for 40% faster page load times and improved SEO performance.
* Applied client-side data validation and form handling strategies using JavaScript for enhanced user interactions.
* Optimized database performance with PostgreSQL and Redis, reducing queries by 32%.
* Implemented advanced security measures, including multi-factor authentication and JSON Web Tokens (JWT).
* Proficiently containerized applications using Docker and Kubernetes, reducing deployment time by 36%.
* Integrated AWS Cognito and Azure Active Directory for secure authentication and single sign-on (SSO).

**Car Max Aug 2021 – Sep 2022**

**Sr. Software Engineer (Full Stack) Richmond, VA**

* Implemented Redis for highly efficient caching, resulting in a remarkable 40% reduction in database query times and improved application response rates.
* Optimized Angular CI/CD pipeline, reducing deployment times by 40% for faster release management.
* Contributed valuable insights in architecture reviews, enhancing application scalability, maintainability, and performance.
* Engineered secure authentication with JSON Web Tokens (JWT) and seamless Cognito integration, achieving a 99.9% success rate in user authentication.
* Developed advanced user interfaces using Next.js, Tailwind CSS, and React-Query, streamlining UI components with a 25% improvement in development productivity.
* Managed cloud infrastructure with AWS and Azure DevOps, achieving 30% faster infrastructure provisioning and 80% uptime in challenging environments.
* Implemented advanced database administration (DBA) tools for a 20% enhancement in database query performance through ingenious indexing strategies.
* Engineered serverless functions using AWS Lambda, AppSync, Cognito, and DynamoDB, reducing operational overhead by 40% through serverless architecture.
* Utilized Vue.js and Serverless Framework for scalable front-end development, delivering three major projects with positive user feedback.
* Leveraged AWS Amplify for rapid full-stack application development, reducing time-to-market and promoting seamless collaboration.

**Optum May 2020 – Aug 2021**

**Software Engineer (Full Stack) Denver, CO**

* Implemented Redis caching for 40% faster database queries, enhancing application response rates and user experience.
* Optimized Angular CI/CD pipeline, reducing deployment times by 40% for efficient release management and faster iterations.
* Provided valuable insights to enhance application scalability, maintainability, and performance in architecture and design discussions.
* Engineered secure authentication with JSON Web Tokens (JWT) and seamless integration with Cognito, achieving a 99.9% success rate in user authentication.
* Developed advanced user interfaces using Next.js, Tailwind CSS, and React-Query, resulting in a 25% boost in development productivity.
* Managed cloud infrastructure with AWS and Azure DevOps, ensuring 80% uptime in demanding production environments.
* Utilized advanced DBA tools, achieving a 20% enhancement in database query performance through strategic indexing.
* Engineered serverless functions using AWS Lambda and services like AppSync and DynamoDB, reducing operational overhead by 40%.
* Applied Vue.js and Serverless Framework for advanced front-end development, delivering scalable projects with positive user feedback.
* Leveraged AWS Amplify for rapid full-stack application development, reducing time-to-market by 30% and promoting seamless collaboration between development teams.

**UST Global May 2019 – April 2020**

**Full Stack Developer Orange County, CA**

* Implemented robust JWT-based authentication, reducing unauthorized access incidents by 40% and enhancing application security.
* Collaborated with cross-functional Agile teams, delivering 5 major projects on time and within budget for high customer satisfaction.
* Utilized AWS and Azure for serverless computing and authentication, reducing infrastructure costs by 20% and improving scalability.
* Optimized database queries by 25% with strategic indexing and advanced DBA tools, enhancing data retrieval efficiency.
* Reduced deployment time by 20% with Docker and Kubernetes, enabling faster application deployment and continuous integration.
* Implemented proactive monitoring with New Relic and Kubernetes Dashboards, improving application performance by 25%.
* Enhanced response times by 30% with effective Redis caching strategies, improving user experience and data retrieval.
* Increased user engagement by 40% with dynamic Vue.js interfaces, providing an intuitive user experience.
* Simplified serverless development with Serverless Framework and AWS Amplify, achieving exceptional scalability and reducing overhead.

**Walmart Arkansas, USA**

**Software Developer Aug 2017 – May 2019**

* Advanced to Software Developer role at Walmart's Arkansas, USA location, progressing from the Jr. Software Developer (Front End) position
* Spearheaded the development of highly scalable full-stack applications, employing React for the front end and Java for server-side components, achieving a significant 25% reduction in response times by optimizing data fetching and rendering strategies
* Collaborated cross-functionally to design and execute sophisticated data pipelines and ETL processes, resulting in an impressive 50% reduction in data processing time
* Implemented secure authentication and authorization mechanisms, including the integration of JSON Web Tokens (JWT) and multi-factor authentication, leading to a substantial 30% reduction in unauthorized access incidents
* Expertly leveraged Docker and Kubernetes to implement advanced containerization techniques, ultimately decreasing infrastructure costs by 20% through precise resource utilization in distributed environments
* Successfully transitioned applications to serverless architectures, harnessing the power of AWS Lambda and Azure Functions, resulting in a remarkable 50% boost in application scalability while minimizing operational overhead
* Employed AWS DynamoDB and Azure Cosmos DB for advanced data storage and management, achieving low-latency data access and reducing database query response times by an impressive 30%
* Proactively monitored application performance using cutting-edge tools like New Relic, Datadog, and AWS CloudWatch, ensuring maximum uptime through swift issue resolution
* Orchestrated the end-to-end automation of the CI/CD pipeline with Azure DevOps and AWS Code Pipeline, effectively slashing deployment time by 40% and facilitating seamless continuous integration and delivery
* Demonstrated expertise in crafting responsive web applications with Bootstrap, driving a notable 20% increase in mobile user engagement and substantially improving overall accessibility

**Jr. Software Developer (Front End) Arkansas, USA**

 **Jan 2017 – Aug 2017**

* Developed highly scalable Front-end applications using React (front-end) and Java (server-side), achieving a 25% reduction in response times through optimized data fetching and rendering.
* Collaborated with cross-functional teams to design and implement advanced data pipelines and ETL processes, achieving a remarkable 50% reduction in data processing time.
* Implemented secure authentication and authorization mechanisms, including JWT and multi-factor authentication, resulting in a 30% reduction in unauthorized access incidents.
* Leveraged Docker and Kubernetes for advanced containerization, reducing infrastructure costs by 20% with optimized resource utilization.
* Successfully adopted serverless architectures with AWS Lambda and Azure Functions, improving application scalability by 50% and minimizing operational overhead.
* Utilized AWS DynamoDB and Azure Cosmos DB for advanced data storage and management, achieving low-latency access and reducing database query response times by 30%.
* Proactively monitored application performance with tools like New Relic, Datadog, and AWS CloudWatch, achieving maximum uptime through timely issue resolution.
* Automated CI/CD pipeline with Azure DevOps and AWS Code Pipeline, reducing deployment time by 40% and enabling seamless continuous integration and delivery.
* Created pixel-perfect UI designs using Figma and Adobe Photoshop, collaborating with design teams for seamless UI implementation.
* Implemented responsive web applications with Bootstrap, increasing mobile user engagement by 20% and improving accessibility.