Mark E. Phillips

Minnesota

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PROFESSIONAL EXPERIENCE

Ledelsea   **December 2023 - Present**

Software Engineer   **Minneapolis, MN**

- Assist in design and develop a variety of web applications using React and Nextjs with TypeScript, Redux for state management, and Material UI or Bootstrap for responsive styling, resulting in enhanced user engagement and satisfaction.
- Lead development efforts within an AI-driven, data-centric SaaS environment, delivering end-to-end solutions from architecture to execution.
- Oversee content management for React applications utilizing Kontent.ai, enabling swift creation of tailored environments.
- Implement a robust authentication service enabling seamless user login and authentication across multiple applications, leveraging JWT and CORS for secure token passing.
- Contribute to API development and improvements using Python with FastAPI, and manage multiple databases, including user authorization, production, and QA environments, ensuring data integrity and performing necessary updates.
- Collaborate with cross-functional teams, including our marketing team, product and design team, to improve software and guide outside teams on platform integration.
- Implement CI/CD processes, dockerize backend services, and ensure application security to improve deployment, scalability and data protection.
- Configure Google Cloud Platform (GCP) service for site hosting and management, utilizing Kubernetes for container orchestration to ensure seamless deployment.
- Monitor website performance, analyze user behavior and optimize site functionality using DataDog Google Analytics and Tag manager.
- Utilize agile methodologies and manage team schedules with ClickUp and Jira, ensuring successful project delivery.
- Debug and fix production issues effectively, minimizing disruptions to end-users.
- Participate in ideation and development of digital processes based on business requirements, leveraging experience in SDLC, agile methodologies, and various frontend and backend languages.

Mastery Logistics Systems   **March 2022 - June 2023**

Software Engineer   **Remote**

- Write clean, maintainable, and highly efficient TypeScript code with React, focusing on code quality and adherence to web development best practices.
- Streamlined data retrieval and manipulation processes by developing and deploying GraphQL APIs, leading to a 30% reduction in server load.
- Conducted unit and integration testing using Jest and Cypress, collaborating with QA teams to ensure high-quality deliverables.
- Utilized Git for version control and participated in code reviews to maintain code quality.
- Collaborated with product managers, UI/UX teams, and engineers to analyze requirements and seamlessly deliver new features, ensuring on-time delivery and customer satisfaction.

Phillstack   **June 2017 - May 2022**

Software Engineer   **Remote**

- Developed and deployed high-performance web applications using React and TypeScript, enhancing load times and user experience across different browsers.
- Utilized AWS S3 for secure and scalable storage of web assets.
- Deployed DNS configurations using AWS Route 53 for reliable routing of internet traffic.

- Handled content delivery with AWS CloudFront to handle ACM for SSL/TLS certifications.
- Managed a simple PostgreSQL database with AWS RDS.
- Optimized site speed and functionality by leveraging Node.js to build lightweight, RESTful APIs, average a 20% improvement in overall site performance with pre-existing applications and increased user engagement, as measured by Google Lighthouse metrics.
- Developed backend services using Node.js and Express, integrating data services with front-end applications using async approaches, handling user credentials with MongoDB.
- Integrated Google Analytics via Google Tag Manager (GTM) to gather actionable insights into website performance, user behavior, and conversion metrics.
- Followed Agile methodologies to ensure efficient project management, seamless collaboration, and successful delivery.
- Engineer the entire product development life cycle, integrating agile methodologies to drive rapid iterations and continuous improvements; streamlined development cycles, resulting in a 25% reduction in time-to-market.

SKILLS

- TypeScript, JavaScript, SQL, HTML, SASS, CSS, React.js, Node.js, Next.js, Express, Python
- Amazon Web Services (AWS), GraphQL, Cypress, Jest, Docker, Git (Version Control), RESTful Web Services, Redux, Docker, JSON, MongoDB, Postman, Github, Datadog, Fullstory

EDUCATION

Inver Hills Community College   Associates Degree