Steven. J. Eddy

SENIOR FULL-STACK ENGINEER

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ABOUT ME

Experienced **Senior Full Stack Engineer** with 8+ years of experience in developing complex web applications and websites in a variety of industries, including **e-commerce**, **Fintech,** and **Cryptocurrency**. Proficient in developing high-quality and scalable web applications across multiple platforms using modern industry-adapted technologies and frameworks. Highly motivated and collaborative team player with excellent communication skills who is fully dedicated to delivering exceptional work and making valuable contributions to the overall success of the company.

EDUCATION

Adelphi University

Bachelor's degree in Computer Science   **2011 - 2015**

WORK EXPERIENCE

Senior Full Stack Engineer

Abto software | New York, NY   **Sept, 2021 - May, 2024**

- Working in a **Cross-functional team,** defined and implemented **Agile methodologies** to build and launch several web applications across a variety of industries including **e-commerce**, and **Fintech**.
- Discussed with the **Head of Engineering** and **product managers** to prioritize and address critical issues, facilitating the timely delivery of high-quality solutions.
- Designed and implemented a **Microservices**-based architecture using **Express.js** for a Fintech platform, allowing for seamless integration with External APIs and improving overall Scalability and Maintainability which reduced the deployment time and development time.
- Leveraged **Redis** caching solutions with a **Node.js** backend to optimize response times and enhance the scalability of high-traffic web applications.
- Collaborated with stakeholders to define database requirements and design solutions using **MikroORM** with **PostgreSQL**, resulting in a more user-friendly and efficient data architecture.
- Implemented a strategic approach to enhance user interface functionality by creating **VIEWs** to display indirectly related data, resulting in improved user experience and streamlined access to relevant information.
- Developed and implemented scalable **Serverless** architectures utilizing **AWS Services**(AWS Lambda, Amazon API Gateway, and Amazon S3, SNS, SQS, CloudWatch, Cognito, Step Functions), delivering high-performance and cost-effective solutions for processing and managing large volumes of data.
- Implemented and managed a robust **CI/CD pipeline** using tools like **Jenkins, Git, Docker**, and **AWS**, enabling seamless integration, automated testing, and continuous deployment of software applications across multiple environments, resulting in improved productivity, reduced manual effort, and faster time-to-market.
- Designed and implemented a comprehensive **Storybook** component library for a React application, significantly reducing development time and enhancing code reusability.
- Improved application accessibility and user experience through implementing **Web Content Accessibility Guidelines** (**WCAG**) in a React application, resulting in increased user adoption and satisfaction.
- Utilized **React Query**, and the **Context API** to optimize data **caching** and state management, improving application performance and reducing unnecessary network requests.
- Conducted regular Code Reviews and **ES-Lint rules** to enforce **Coding standards** and best practices across the team, resulting in fewer bugs and enhanced code quality.
- **Mentored** junior, and mid-level developers through Pair Programming and comprehensive code reviews to ensure constant team growth and the highest quality of deliverables.

Full Stack & Blockchain Engineer

Aegas | Newark, NJ   Jan, 2019 - Jul, 2021

- Designed and developed a **multi-chain NFT marketplace** from scratch using **Solidity** for **Smart contracts**, **web3.js, ethers.js**, **React**, and **Node.js**.
- Designed and implemented **Smart contracts** for NFT minting, bidding, and trading functionalities, ensuring compliance with **ERC721A** and **ONFT721** standards.
- Led the migration from **RESTful APIs** to **GraphQL**, resulting in improved data fetching flexibility and reduced over-fetching/under-fetching issues, resulting in augmented frontend performance.
- Effectively addressed slow load times caused by N+1 query issues in **GraphQL API** by implementing batching techniques and **DataLoader**. This resulted in a 50% acceleration in data loading.
- Built a **serverless API** using Node.js and **AWS Lambda** functions that connects a web application to a third-party service, such as SendGrid, to send email or SMS notifications.
- Improved front-end application performance by implementing **AWS CloudFront CDN**, resulting in faster content delivery and improved user experience.
- Implemented **data migration strategies** from MySQL to **MongoDB** using **Node.js, and Mongoose**, ensuring a seamless transition and preserving data integrity during the migration process.
- Implemented a complex and interactive user interface using React and **Styled Components** resulting in improved user engagement and a positive impact on business metrics.
- Successfully integrated **React Query** into the Frontend application to efficiently retrieve and manage data from various sources, leading to enhanced performance and a smooth user experience.
- Implemented **error handling** and **logging** strategies in an application utilizing Morgan, error handler(Middleware) in Node.js backend application to improve application reliability and troubleshooting.
- Used the Wrapper provider of React components for **Error Handling** in Front End development and reduced the 1000+ lines of Codes for Error Handling.
- Implemented comprehensive **Unit Tests,** Integration Tests, and **E2E Tests** using **Jest** and **Cypress** to ensure high test coverage and robustness of the application, leading to ensuring the software's reliability

Full Stack developer

WEZOM | Chicago, IL   May, 2015 - Nov, 2018

- Demonstrated proficiency as a junior developer by effectively contributing to an **Agile environment**, and actively engaging in **daily stand-ups**, **sprint planning**, and **retrospectives**.
- Implemented **Semantic HTML5** markup throughout the project, enhancing accessibility and improving search engine optimization (**SEO**) by providing clear and meaningful structure to web content.
- Successfully achieved a seamless, responsive design across diverse devices and screen sizes by employing a **mobile-first** strategy, utilizing **CSS media queries**, and implementing **Flexbox** layouts.
- Created interactive user interfaces with **Reusable components** using **React** or **Angular, Vue.js**, resulting in enhanced code maintainability and improved development efficiency.
- Worked with the design team to translate visual mockups into **pixel-perfect** web pages, ensuring high fidelity and attention to detail in the implementation process.
- Created a Mobile Responsive web design to improve user experience with **CSS Flexbox**. This increased the number of 5-star User Experience/User Interface reviews by 250%
- Designed and developed efficient **RESTful APIs** using **Node.js** and **Express**, which enabled the company to expose its services to external users and systems, resulting in improved efficiency and flexibility.
- Implemented a complex and interactive user interface using **React, Redux,** and **Styled -Components** resulting in improved user engagement and a positive impact on business metrics.

S K I L L S

JavaScript, TypeScript, PHP, GoLang, Rust, SQL, GraphQL
HTML5, CSS3, React, Angular, Vue, Next.js, Redux, Context API, React Query, Tailwind CSS, MUI, Storybook, jQuery
Node.js, Express.js, Nest.js, Laravel, API Gateway, Swagger, RESTful API
MySQL, PostgreSQL, MongoDB, Redis, DynamoDB
Docker, Kubernetes, Github, GitLab, Jira, Clickup, Jenkins, Kanban
AWS, GCP, Azure
Solidity, Smart Contract, Polygon, Web3.js, Ethers.js, Wagmi, ERC721A, ONFT721, ERC-20, ERC-721, ERC-1155, Ganache, Truffle, Hardhat, OpenSea API, MoralisAPI
Jest, Cypress, Mocha, React, Vue Testing Library, Circle CI, Heroku, Vercel
Collaboration and Communication, Problem solving, Team work