Godswil Onwuchekwa

FULL-STACK ENGINEER

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(682)-237-1468

SUMMARY

As a highly motivated individual with a strong work ethic, I am committed to providing customers with products of the highest caliber. My expertise lies in programming and implementing web-based solutions that meet the evolving needs of modern businesses. I have experience in a wide range of technologies, including Typescript, JavaScript, React, Ruby on Rails, AWS, GraphQL, and Docker. I have the skills needed to build scalable, secure, and user-friendly web applications. I am passionate about using technology to improve people's lives and am constantly seeking new ways to leverage emerging tools and frameworks to create innovative solutions.

EXPERIENCE

CRYOPORT, *Remote*
Ruby on Rails Engineer, January 2021 – May 2023

- Built a product item tracking application and developed it for a web app using JavaScript, React, Rails, GraphQL, AWS, and implemented strong RSpec test suites for comprehensive test coverage.
- Redesigned and developed the user interface, converting Figma templates into a functional UI using React, and wrote corresponding RSpec tests to ensure UI functionality and behavior.
- Applied mocking and stubbing techniques in RSpec tests to isolate dependencies and ensure focused and reliable test execution.
- Manage the applications technology platform status, project pipeline and development priorities.
- Reviewed project specifications and design technology solutions that exceeded performance.
- Collaborated with cross-functional teams, including product managers and designers, to gather requirements and deliver high-quality features within tight deadlines.
- Led code reviews and provided constructive feedback to team members, resulting in improved code quality and best practices adherence.
- Implemented user authentication and authorization features using Devise and CanCanCan, ensuring secure access to sensitive data and actions.
- Optimized database queries and data fetching techniques, leading to significant performance improvements and faster response times.
- Integrated third-party APIs, such as payment gateways and shipping services, to enhance the application's functionality and user experience.
- Conducted A/B tests to analyze user behavior and iteratively improved UI/UX to increase user engagement and conversion rates.
- Resolved complex bugs and issues reported by users, maintaining a high level of responsiveness and user satisfaction.

EDUCATION

The University of Texas at Arlington

- Bachelor's degree in computer science

SKILLS

Languages: Ruby, JavaScript, Typescript, HTML, CSS, SQL

Frameworks: Ruby on Rails, React, Next.js, Vue.js, Node

Express Database System: Postgres, MYSQL, MongoDB

OS: Mac OS, IOS, Windows

Version Control: Git, SVN

Tools and Methods: GraphQL(Apollo), REST, AWS, Azure and Heroku, Redis, Agile(Scrum), Trello, Jira, Docker, Jenkins, CircleCI Database System: Postgres, MYSQL, MongoDB
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- Implemented continuous integration and continuous deployment (CI/CD) pipelines using Jenkins and GitHub Actions, streamlining the development and deployment processes.
- Conducted technical interviews and actively participated in the hiring process to build a talented and cohesive engineering team.
- Actively contributed to team knowledge sharing sessions, conducting workshops on new technologies and best coding practices.

AMAZON, *Remote*
Full Stack/Ruby on Rails Engineer, January 2018 – December 2021
- Built full-stack web applications using different languages/frameworks using Typescript, React, Vue, Node, Ruby on Rails, GraphQL, AWS, Jest.
  Developed comprehensive test suites using Jest to ensure robust code quality and reliability.
- Developed web applications using Vanilla JavaScript, React, Unistore, and CSS Flexbox, leveraging modern ES6 features and React hooks for enhanced functionality and maintainability.
- Designed reusable components using the Ant UI library to create consistent and efficient user interfaces.
- Maintained a proactive approach to professional development, staying up-to-date with the latest industry trends, technologies, and best practices. Actively sought out opportunities to expand knowledge and skills, demonstrating a commitment to personal growth and continuous improvement.
- Built frontend UIs using Typescript, React, Material UI, and SCSS, combining strong type-checking with well-structured UI components and styling to deliver polished and visually appealing user experiences.
- Built frontend UIs using typescript, react, material UI, SCSS.
- Worked closely with project managers, VP of Engineering and CTO to meet deadlines and ensure the product fulfilled client expectations.
- Lead and coach a team of junior engineers to create an application from scratch to production.
- Managed multiple code bases simultaneously, handling bug fixes and pushing updates to live production environments.
- Demonstrated excellent time management and multitasking abilities to deliver reliable and timely solutions.
- Implemented serverless architecture using AWS Lambda and API Gateway to optimize application scalability and reduce operational costs.
- Integrated third-party analytics tools, such as Google Analytics and Mixpanel, to track user behavior and gather insights for data-driven decision making.
- Developed and maintained RESTful APIs using Node.js and Express.js, enabling seamless communication between the frontend and backend systems.
- Conducted load testing and performance optimization using tools like JMeter and Lighthouse to ensure application stability and responsiveness under high user traffic.
- Spearheaded the migration of legacy codebases to modern frameworks and languages, resulting in improved maintainability and performance.
- Collaborated with cross-functional teams, including product managers and UX designers, to define project requirements and user stories, ensuring alignment with business objectives.
- Implemented accessibility best practices, adhering to WCAG guidelines, to create an inclusive user experience for individuals with disabilities.
- Conducted code refactoring and codebase restructuring to enhance code quality, maintainability, and readability.

- Assisted in the onboarding and training of new team members, fostering a smooth transition and efficient integration into the development team.
- Participated in regular code review sessions, providing constructive feedback and suggesting improvements to enhance code quality and team collaboration.
- Actively contributed to the open-source community, sharing code snippets and contributing to relevant projects on GitHub.
- Collaborated with stakeholders to prioritize and plan feature development, resulting in the timely delivery of key milestones and project goals.

EBAY, *Remote*
Software Engineer, October 2016 – December 2017
- Building stable and maintainable codebases using React, Ruby on Rails, and Node.
- Building stable and maintainable codebases using React, Ruby on Rails, and Node.
- Applied a mobile-first approach to existing websites, ensuring that the user experience was seamless and optimized across different devices and screen sizes. Leveraged responsive design techniques and frameworks like Bootstrap or Tailwind CSS to create fluid and adaptable layouts.
- Implemented comprehensive testing strategies using tools like Jest, RSpec, and Mocha to ensure the stability and maintainability of codebases built with React, Ruby on Rails, and Node.
- Employed testing frameworks to write unit tests, integration tests, and end-to-end tests, covering critical functionality and edge cases.
- Collaborating with designers to ensure designs were efficient and technically sound.
- Creating modular, responsive templates using modern CSS techniques and JavaScript libraries.
- Optimized front-end performance through code optimization, caching, and other techniques, resulting in faster page load times and improved user experience.
- Assist with the transition from a U+0077aterfall method to a more efficient Agile methodology.
- Implemented real-time features using WebSockets and event-driven architecture, enhancing user engagement and interactivity on the platform.
- Conducted code reviews and provided constructive feedback to peers, fostering a culture of collaboration and continuous improvement within the development team.
- Worked closely with product managers to gather and refine requirements, translating them into actionable technical tasks and project deliverables.
- Integrated internationalization (i18n) and localization (l10n) features into web applications, allowing the platform to be accessible to a global audience.
- Led the adoption of containerization technologies like Docker for development and production environments, streamlining the deployment process and ensuring consistency across different stages of development.
- Implemented user authentication and authorization mechanisms using OAuth and JWT, enhancing security and user privacy on the platform.
- Developed and maintained RESTful APIs, enabling seamless communication between frontend and backend systems and supporting third-party integrations.
- Conducted usability testing and gathered user feedback to inform design and development decisions, resulting in iterative improvements to the user interface and user experience.
- Actively participated in sprint planning, daily stand-ups, and retrospectives, contributing to the team's Agile process and fostering a culture of transparency and adaptability.

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- Investigated and resolved production issues and bugs, employing debugging tools and error tracking systems to ensure a stable and reliable platform.
- Mentored and onboarded new team members, facilitating their integration into the team and providing guidance on best practices and coding standards.
- Participated in hackathons and innovation initiatives, contributing creative solutions and prototypes to address business challenges and explore new opportunities.

UPWORK, *Remote*
Freelance, January 2013 – October 2016
- Research and implement tons of React and JavaScript functionality for a richer Front-End experience.
- Research and implement tons of React and JavaScript functionality for a richer Front-End experience.
- Ruby on Rails, JavaScript, React, jQuerry, Behavioral Driven Development (BDD) and pair based. programming is used to develop client-based features and applications.
- Used JIRA for real-time issue tracking, bug tracking, and project management functions Installation and configuration of multiple versions of Ruby on Rails.
- Leveraged existing APIs available (Google) to adopt other services to adjust to tight deadlines and use already built functionality.
- Collaborated with clients to understand project requirements and deliver custom React and JavaScript solutions that exceeded expectations and enhanced user experience.
- Developed responsive and mobile-friendly web applications using Bootstrap and media queries to ensure seamless user interactions across various devices.
- Implemented Redux for state management in React applications, enhancing the scalability and maintainability of complex frontend architectures.
- Participated in code refactoring initiatives, improving code quality and adhering to best practices for clean, efficient, and maintainable code.
- Integrated third-party APIs, such as Stripe and PayPal, to enable secure and seamless payment processing in e-commerce applications.
- Utilized Test-Driven Development (TDD) practices, writing unit tests with frameworks like Enzyme and Jasmine to ensure code reliability and facilitate future code changes.
- Collaborated with UX designers to convert wireframes and mockups into interactive web pages with pixel-perfect precision and attention to detail.
- Implemented server-side rendering (SSR) for React applications using frameworks like Next.js, enhancing SEO and reducing initial page load times.
- Led client-facing meetings and status updates, providing clear communication and progress reports on project milestones and deliverables.
- Conducted load testing and performance optimization using tools like Lighthouse and WebPageTest, ensuring high application performance and user satisfaction.
- Utilized Git and GitHub for version control and collaborative development, maintaining organized and efficient code repositories.
- Provided technical support and training to clients on how to use and maintain the applications delivered, ensuring a smooth handover and positive user experience.
- Developed custom plugins and extensions for content management systems (CMS) like WordPress and Joomla, enabling tailored functionalities to meet client requirements.

GENERAL SKILLS

- Able to work on my own or with a team.

- Clear and effective communication skills - Having a well thought out approach to problems.

- Ability to follow complex instructions. - Good time management skills, prioritization skills.

- Can work efficiently with minimum supervision.

- Able to meet tight deadlines.

- Attention to detail.

- Willing to go the extra mile to get things done.