

James Nicholas

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SUMMARY

Dynamic Front End Engineer with over 8 years of experience specializing in React and associated technologies. Proven track record in developing scalable micro-frontend solutions and optimizing deployment efficiencies at Cavallo. Successfully enhanced analytics products, resulting in significant operational cost reductions. Expertise in utilizing modern frameworks and tools such as JavaScript, TypeScript, and CI/CD practices to deliver high-quality, responsive applications. Ready to leverage these skills to contribute to innovative projects and drive value in a collaborative team environment.

WORK EXPERIENCE

Cavallo

Senior Frontend Engineer

Sep 2022 - Present

Remote

- Engineered enhancements for the Analytics Cloud product using React/Redux, and launched a sophisticated analytics solution with React, Zustand state management, and Statsig feature management within a collaborative Agile team.
- Developed a micro-frontend architecture utilizing GitHub Actions and Amazon Web Services, significantly boosting deployment efficiency and lowering operational costs.
- Constructed and maintained backend APIs in Python while integrating monitoring solutions with Grafana, adhering to service-oriented architecture principles and enhancing site reliability.
- Streamlined development workflows by leveraging React, NodeJS, JavaScript, TypeScript, Docker, Python, Git, CI/CD, CSS, PostgreSQL, and REST APIs to ensure high-quality deliverables and responsive design.

Oracle America, Inc.

Scrum Master

May 2022 - Aug 2022

Portland

- Delivered operational and technical solutions utilizing an Agile Scrum framework to elevate business agility and cultivate a collaborative environment.
- Orchestrated strategic product roadmaps in collaboration with cross-functional Agile teams, driving procedural enhancements and meeting crucial business objectives.
- Facilitated end-user readiness and adoption of new processes and systems through impactful communication and focused support, ensuring robust IT operations.
- Implemented a solid technical environment using React, NodeJS, JavaScript, TypeScript, Docker, CI/CD, and APIs to support agile development and improve system performance.

Oracle America, Inc.

Tech Lead

Nov 2021 - May 2022

Portland

- Spearheaded the development of microservice REST APIs in Node.js using Fn projects, enabling developers to construct and orchestrate higher-level workflows of functions within their preferred programming languages.
- Championed the integration of Test-Driven Development (TDD) methodology for front-end developer teams, fostering adaptability and minimizing bugs during unit testing, thereby enhancing product quality.
- Formulated a deployment automation build pipeline via Jenkins as part of CI/CD initiatives, allowing teams to collaborate effectively in building and disseminating code to a production environment using Rundeck.
- Maximized operational efficiency by advocating for architecture enhancements, culminating in streamlined data ingestion processes.
- Utilized a technical environment encompassing React, NodeJS, JavaScript, TypeScript, Git, Software Architecture, Cloud services, Rundeck, Jenkins, Docker, and API consumption to bolster project development and deployment timelines.

Oracle America, Inc.

Software Engineer

May 2017 - Aug 2022

Portland

- Maintained and augmented existing React applications acquired from Webtrends, leading to heightened work efficiency and productivity.
- Provided expert support in Chef, Redis, and Docker to development teams, leveraging project management acumen to achieve all key performance indicators.
- Designed innovative applications employing cross-platform development with React and Tailwind CSS, thereby enhancing the interactivity of User Interfaces (UI).
- Employed a technical environment comprising React, Node.js, JavaScript, TypeScript, Git, Cloud services, Docker, and APIs to improve application performance and reliability.

Webtrends, Inc.

Lead Technical Support Engineer

May 2012 - Mar 2017

Portland

- Conducted consultations using creativity and innovation to address overflow needs, successfully implementing various custom coding solutions for Drupal tracking and YouTube tracking in ActionScript.
- Enhanced technical knowledge by obtaining certifications in SharePoint 2010 and 2013 administration, providing training and support to business users on usage and data backup.

- Executed the deployment of Webtrends tagging into Office 365 and SharePoint 2013 through a customer-centric approach, utilizing user feedback to develop new applications.
- Utilized a technical environment that included JavaScript, Java, SharePoint, and SQL.

Webtrends, Inc.**Aug 2010 - May 2012***Senior Support Engineer**Portland*

- Delivered developer-level support to clients through analytical thinking and problem-solving skills, resolving issues across multiple platforms including Facebook, Android, Blackberry, and iOS.
- Coordinated the development of Mobile Analytics, Facebook, and Webtrends Social platforms, leveraging subject matter expertise to broaden user reach.
- Investigated and effectively rectified software defects reported by clients, providing primary support to OEM partners such as Research in Motion and Polar Mobile.
- Employed JavaScript, Java, and iOS to enhance software solutions, contributing to the development of robust and scalable applications.

01 Web Development**May 2008 - Mar 2017***Owner/Developer**Portland*

- Architected and developed web applications, websites, SEO strategies, and content management systems using Drupal CMS and PHP to deliver solutions for non-profit organizations and small businesses.
- Investigated various data science methodologies utilizing MapReduce and text mining, converting unstructured text into structured formats to unveil significant patterns and insights.
- Refined client web application UI designs, significantly enhancing user interaction and satisfaction.
- Employed a technical environment including UI design, Cloud services, JavaScript, Java, PHP, and Big Data to optimize project outcomes and streamline development processes.

EDUCATION**Portland Community College****Jan 2004 - Jan 2007***Associates of Applied Science, Computer Information System*

- **Achievements:** Earned an Associates of Applied Science in Computer Information Systems, attained an E-commerce Certificate in Design, Development, and Administration

SKILLS

- Python, React, TypeScript, JavaScript, NodeJS, Docker, Git, CI/CD, CSS, PostgreSQL, REST APIs, Software Architecture, Cloud services, Run-deck, Jenkins, SharePoint, SQL, Java, PHP, MySQL, Cassandra, DynamoDB, Oracle Cloud Infrastructure, Microsoft Azure, Amazon Web Services, Mentoring, Agile, Service Oriented Architecture, Front-end Optimization, Product management, Creativity, Innovation, Analytical thinking, Problem-solving, Project management, User feedback, Figma, Cursor, Front-end Applications, UI/UX, Ownership, Data-Rich Interfaces, Document-Heavy Interfaces, AI/ML Concepts, LLM-Integrated UIs

LANGUAGES

- English