

James Nicholas

Portland, 97236, OR

503-810-7738 | james@01webdevelopment.com | <https://www.linkedin.com/in/james-nicholas-1a81534/>

SUMMARY

Dynamic Frontend Engineer with 6+ years of experience specializing in React and modern front-end technologies to develop scalable, high-quality applications. Proven in building reusable UI components and integrating with back-end services, enhancing deployment efficiency and reducing operational costs. Skilled in translating user requirements into efficient code while collaborating closely with designers to ensure a responsive user experience. Poised to leverage technical expertise and innovative problem solving to drive best-in-class products at scale.

SKILLS

- **Programming Languages:** Python, JavaScript, TypeScript, Java, PHP
- **Frontend Development:** React, NextJS, Tailwind, React Query, CSS, Front-end Applications, Front-end Optimization, UI/UX, UI/UX Collaboration
- **Backend & Databases:** NodeJS, PostgreSQL, SQL, MySQL, Cassandra, DynamoDB, REST APIs, GraphQL
- **DevOps & Tools:** Docker, Git, CI/CD, Jenkins, Webpack, Run-deck
- **Cloud & Software Architecture:** Cloud services, Oracle Cloud Infrastructure, Microsoft Azure, Amazon Web Services, Software Architecture, Service Oriented Architecture
- **Project & Process Management:** Mentoring, Agile, Product management, Ownership, Project management, User feedback
- **Additional Skills:** SharePoint, Figma, Cursor, Innovation, Creativity, Analytical thinking, Problem-solving, Data-Rich Interfaces, Document-Heavy Interfaces, AI/ML Concepts, LLM-Integrated UIs

WORK EXPERIENCE

Cavallo

Sep 2022 - Present

Senior Frontend Engineer

Remote

- Collaborated with designers to optimize UI/UX for the Analytics Cloud product by engineering enhancements with React/Redux, and launched a sophisticated analytics solution utilizing Zustand state management and Statsig within an Agile team.
- Developed a reusable micro-frontend architecture using GitHub Actions and Amazon Web Services, significantly boosting deployment efficiency and lowering operational costs.
- Integrated backend APIs in Python with comprehensive monitoring solutions using Grafana, adhering to service-oriented architecture principles to enhance site reliability.
- Streamlined development workflows by applying best practices in NodeJS, JavaScript, and TypeScript, alongside Docker, Git, CI/CD, CSS, PostgreSQL, and REST APIs to ensure scalable and efficient web applications.

Oracle America, Inc.

May 2022 - Aug 2022

Scrum Master

Portland

- Enhanced operational agility by leveraging an Agile Scrum framework and collaborating with design teams to enrich end-user experiences.
- Orchestrated strategic product roadmaps in collaboration with cross-functional Agile teams, driving procedural enhancements and achieving key business objectives.
- Facilitated end-user readiness and adoption of new processes and systems through effective communication and focused technical support to ensure robust IT operations.
- Implemented a technical environment using NodeJS, JavaScript, and TypeScript, along with Docker, CI/CD, and APIs to support agile development and improve system performance.

Oracle America, Inc.

Nov 2021 - May 2022

Tech Lead

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.

May 2017 - Aug 2022

Software Engineer

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.

May 2012 - Mar 2017

Lead Technical Support Engineer

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

LANGUAGES

- English