JARED PATTISON

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SOFTWARE DEVELOPER

- Software development engineer with 7 years of industry experience; 5 years as a Sr. Software Development Engineer and 2 years as Technical Program Manager, combining strong leadership, technical expertise, and cross-functional collaboration to deliver complex technology products.
- Skilled in full-stack development with deep expertise in React and Java, designing and implementing scalable front-end interfaces and robust back-end systems to support enterprise applications.
- Strong interpersonal and communication skills, with a proven ability to collaborate effectively across technical and non-technical teams, lead discussions, and build consensus to achieve project goals.
- Outstanding analytical and problem-solving skills, self-motivated, fast-learner and passionate about technology and computer science fundamentals – Data Structures, Algorithms, Databases, Object-Oriented Analysis & Design

TECHNICAL PROFICIENCIES

Portfolio:	www.jaredpattison.com, created with React and Sass, deployed to AWS CloudFront via CI
Languages:	JavaScript, TypeScript, Java, SQL, Terraform, JSON, YAML, XML, HTML, Jinja
Technologies:	React, NodeJS, REST, EJS, CSS/Sass, OAuth, Jest, Selenium, Swagger, Grafana, Kubernetes, Docker, Git, React native, Socket.IO, Express, AWS S3/CloudFront
Tools:	Visual Studio Code, Confluence, Bitbucket, GitHub, Expo, VIM, IntelliJ, Postman, Cursor
Databases:	Oracle, PostgreSQL, MySQL, MongoDB

PROFESSIONAL EXPERIENCE

SOFTWARE DEVELOPER | Oracle | Oracle Cloud Infrastructure (OCI) Identity OAuth   **Sept 2023 – Nov 2025**

- OCI Identity OAuth team supports multi-cloud login and session management features such as Kerberos token exchange for OCI user principal session tokens and stored session management enabling smooth authentication, administration and integration across cloud providers (Azure, Google Cloud, AWS).
- Designed and implemented audit log enhancements for token exchange by adding concise failure details, enabling Uber developers and admins to debug authentication failures without needing to engage OCI Identity engineers.
- Developed new endpoints for user session management, enabling OCI console users to view and manage their sessions such as selecting which sessions to delete if attempting login after maximum number of sessions had been reached.
- Refactored suite of end-to-end canary tests, merging multiple related tests into common canaries to reduce operational overhead and reduce noise from redundant alarms.
- Conducted phone screens and in person interviews for SDEs and participated in de-brief process.

SOFTWARE DEVELOPER | Oracle | OCI Identity Domains SDK   **April 2023 – Sept 2023**

OCI Identity Domains SDK team supports resource management through OCI SDKs available in multiple languages (Java, Go, JavaScript, etc.). The team was responsible for generating YAML Swagger specs which were required as input for auto-generation of OCI SDKs. The Swagger spec spanned hundreds of endpoints and had to conform to strict OCI API guidelines, requiring extensive testing and debugging to optimize the OCI SDK auto-generation.

- Led team of 4 engineers to convert legacy auto-generated Json Swagger spec to OCI compliant YAML Swagger spec by processing Json with custom Java program.
- Created design document for internal review detailing IDCS API discrepancies with OCI guidelines and proposing solutions to mitigate impact to end user.
- Managed OCI API review process to gain approval from OCI API review board.
- US Government Identity oncall rotation for 24hr coverage for OCI Identity, assisting US Government customers with outages and debugging OCI identity access issues.

USER EXPERIENCE DEVELOPER | Oracle | OCI Console Identity Domains plugin   **Jan 2020 – April 2023**

Identity Domains plugin team is responsible for creating React components for Identity Domains console plugin including Dynamic Groups, Policies, Reports, and Applications.

- Converted React components from class to functional and implemented custom React hooks for Users, Groups, Dynamic Groups which improved code simplicity, reusability, and performance.
- Developed custom reports component to display various reports in a table with the format dynamically generated based on

backend metadata for various templates, allowing admins to view custom reports utilizing React component.
- Configured resources (plugin, alarm, canaries) with Terraform to deploy plugin to all regions sequentially while automatically monitoring alarms as well as automatically deploying latest stable plugin artifacts to new regions.
- Optimized change management (CM) process and ticket creation by clarifying pre-requisites and simplifying validation steps.
- Deployed and validated new Identity plugin artifacts, designed CM templates to automate ticket creation, documented and trained team members to follow best practices.

FULL STACK ENGINEER | Indigo Slate – 1 month contract   **Nov 2019 – De 2019**

Node.js development for enterprise level commercial real estate dashboard. Node.js middleware that queried customers APIs and relayed formatted JSON objects to Vue dashboard which then displayed the data in tables and graphs.

- Elicited requirements and developed business logic to query client APIs and format expected Json responses for table and graph plugins.

TECHNICAL PROGRAM MANAGER | University of Alberta | Edmonton, AB   **May 2016 – Dec 2018**

Developed product roadmaps and backlogs for wellwiki.org, a central source of information on over two million oil & gas wells, and cultrtoolkit.com, a suite of web scraping tools for search and discovery of social data.

- Built and led cross-functional, distributed development teams – interviewed, hired, and managed local and offshore teams of up to five engineers.
- Scaled Text Scraper by improved memory management and implementation of multi-threaded message processing using Celery framework.
- Extended Cultr Toolkit suite by launching the Image Scraper service, providing users a single interface to search and discover image meta-data, match results to search keywords, and generate a CSV output file.

PROJECT MANAGER | Pattison Consulting   **Aug 2008 – Aug 2015**

Provided project management services across agriculture and oil & gas industries.

SOFTWARE DEVELOPMENT PROJECTS

BuzzCard | GitHub   **March 2019**

BuzzCard is a mobile application that allows users to exchange contact information, such as social media accounts, by scanning QR codes. The application enables users to create a profile and choose what information to share.

- Modularized the code, implemented the navigation bar, and deployed the app to Google Play store.

One-Bar | GitHub   **Dec 2018**

One-bar is a SMS application that allows users in areas with limited mobile coverage to access vital information such as weather forecasts, hospital locations, restaurants, local trails, etc. Utilizing a Node.js server the application receives requests for information via text message (Twilio), makes API calls, parses data, and relays the information back to user.

- Integrated SMS notifications with the Node.js, parsed results received from 3rd party APIs and constructed responses to the user.

cf-quick-start | GitHub | npmjs.com/package/cf-quick-start   **Jan 2019**

cf-quick-start is a globally installed NPM package that generates starter code for one of four functioning Node.js projects (api-server, express server, React app, or socket server as well as tests and configuration files).

- Implemented file copying, developed CLI questions for inquirer prompt, wrote unit tests, and performed UAT.

Packing Planner | GitHub   **Nov 2018**

Packing Planner provides a pre-populated, customizable, packing checklist based on the climate the user will be travelling to and the activities they expect to do.

- Developed save/retrieve from local web browser storage, list constructor and prototypes, and picture carousel features.

EDUCATION & TRAINING

Full-Stack JavaScript Certificate – Code Fellows	**2019**
Certified Scrum Master (CSM) – Scrum Alliance	**2017**
Project Management Professional (PMP) – Project Management Institute	**2016**
Project Management Certificate – University of British Columbia	**2016**
Business Analyst Certificate – Northern Alberta Institute of Technology	**2016**
Bachelor of Arts: Economics – University of Saskatchewan	**2000**