Bradley Vidal

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Software Engineer

Summary of qualifications

- 6+ years managing teams of Software Engineers, QA, Test Automation Engineers, UX Designers, DevOps Engineers, and Technical Writers.
- Owner and creator of CI/CD around SDLC to automate developer, QA, and release processes.
- 6+ years designing, developing, and maintaining Salesforce managed packages for SF Classic, Lightning, and hybrid Apps.
- Excellent knowledge of Apex, JavaScript, SOQL, Aura, LWC, Visualforce.
- Experience implementing and analyzing Agile/SCRUM methodologies between R&D, product, and stakeholders.
- Collaborated with various teams regarding new pilots, features, frameworks, and advanced support.
- Strong understanding of UX and product concepts to make decisions accounting for both stakeholders and end-users.
- **Serious** time management, organization, and communication skills.
- Insane mastery of hotkeys and methods of efficiency.
- Passionate about defining processes and generating documentation.
- Eager to learn and grow.

Technical skills

Languages: React, Express, Node, C#, Apex, Python, PowerShell, SQL, SOQL, HTML, CSS, JavaScript, TypeScript, Aura, LWC, Node, Bash, and more.

Tools: MongoDB, Postman, Azure DevOps, JIRA, BitBucket, Confluence, TeamCity, ANT, Visual Studio, VSCode, Azure, Wireshark, Performance Monitor, Event Viewer, Windows Services, Registry Editor, Certificates, CLI, Fiddler, Git, Selenium, Jenkins, Chrome DevTools, Slack, Teams, Azure Portal.

Salesforce Platform: Managed Packages, Extension Packages, SFDX, Deployments, Custom Objects, Custom Fields, Custom Validation, Triggers, Process Builder, Flow, APIs (Metadata, Streaming, REST, SOAP, Bulk), permissions, org settings, Developer Console, Governor Limits, Change Sets, Connected Apps, Custom Settings, Custom Metadata, Visualforce Pages, Visualforce Components, Platform Events.

Certifications: SCRUM Master Certified (Mountain Goat Software), Site Reliability Engineering (Coursera), Salesforce Platform Developer I Certified, 37 Trailhead Badges.

Conferences: 3 Dreamforces, 2 TrailheaDXs, JSConf, Atlassian Summit, SF Flow Workshop NY, Force Academy LA (Speaker)

Work experience

January 2023 – February 2023, Software Engineer (Freelance)

- MERN Stack Course 2023 - MongoDB, Express, React and NodeJS
  - Created a full stack app featuring JWT authentication and authorization, routing, API to perform CRUD operations on backend DB, and deployment.
  - Learned patterns and best practices like models, functional components, hooks, async/await, middleware functions, DB aggregation, ESLint, Prettier, and more to build and maintain a readable, scalable, and extendable repository.
  - Learned development setup and tools for efficient debugging, compiling, and troubleshooting.

May 2022 – December 2022, Travel Break

- Spent 6 months backpacking through Southeast Asia
  - Thailand, Laos, Cambodia, Indonesia, Japan
  - Planned, filmed, edited, strategized, and published YouTube videos using DaVinci Resolve, Adobe Illustrator, and Adobe Photoshop.

October 2015 – May 2022, Engineering Manager, Nintex

- Hired and built a new team while working across many dependent teams to build a new .NET Core/React web application from scratch to integrate on-premise RPA Bots through a new gateway service application into cloud-based workflows behind a secure layer.

- Built and maintained CI/CD in Azure DevOps and Atlassian tools to automate code compilation, linting, static security scanning (PMD and Checkmarx), PR validation, branch policies, releases, pipelines, Git branch flow, conditional deployment across multiple stages and environments, automated scratch org creation, unit tests, Selenium tests, reporting, and Slack and email notifications. Reduced code merge from 3 to 0 human interactions and build time from 30 to 5 minutes via automation and parallelism. Defined and continuously improved a release plan. Planned a release cadence and managed the release from change selection to publishing and pushing to customer environments.
- Created POCs to answer challenging questions about the feasibility of new features or upcoming platform security updates. Worked with principle engineers and architects to research and make important technical decisions.
- Worked closely with PMs, UXers, and stakeholders to instruct on roadmap timing and influence priorities. Planned, managed, and administered the backlog and related planning tools. Worked with developers and QA to ensure a structured development plan while meeting strict deadlines and maintaining the sanity of the team.
- Developed SLOs and SLAs, and produced automatic reporting of metrics used to track and monitor the health of our applications around indicators such as Work Type Budget, Root Cause Analysis, Bug Density, Cycle Time, and more.
- With the goal of minimizing interaction and distraction between R&D and support teams, developed a support workflow, escalation process, and communication channels. Upon escalation, spent time troubleshooting customer issues using browser consoles, networking and traffic analysers, and logs.
- Managed multiple teams, coached in Agile practices such as estimation, and guided individuals in setting and achieving career goals. Managed eight direct reports, while working with many internal and external teams. One high-stakes TAM project had me managing multiple additional contracted teams with 20 developers across several time zones for nine months. Experienced in the recruiting process including designing the interview process for developers and automation test engineers, hosting remote and in-person technical interviews, and on-boarding new employees.
- Mastered Atlassian stack, then migrated workflow to Azure DevOps toolset while redefining processes, implementing automation, and training the team.
- Interact with SF teams to solve technical challenges while attempting to maintain best practices. Some include: OAuth implementations, "The Visualforce Security Hack", or unidirectional data flow within recursive rendering.
- Stayed up to date with development practices by reading release notes, attending conferences, experimenting with modern frameworks, participating in pilot programs, or networking. Contributed to the development of the Lightning Web Component framework by participating in the pilot, sharing feedback, and demoing back to the Salesforce framework team.
- Improved application quality by transforming a legacy SF Classic App into a Lightning Experience App at the enterprise level. Maintained a top 10 position in the AppExchange my entire time with the company. Implemented and enforced the use of newest offerings such as Lightning Design System, Salesforce Data Service, Aura Components, and Lightning Web Components. Lead architectural conversations to minimize technical debt and ensure performance, security, scalability, maintainability, and readability.

July 2013 – October 2015, Software Engineer, Nintex
- Developed new features and maintained front-end Salesforce managed packages.
- Developed new features and maintained back-end APIs and services.
- Created new APIs and Windows services.
- Integrated with various third-party services utilizing APIs and SDKs.
- Continuously researched to learn about best practices, SOLID principles, unit testing, OOP, functional programming, dependency injection, immutability, data flow, rendering life-cycles, and programming language developments.
- Created various Windows and console applications as professional services.

2010 – July 2013, Web Applications Developer, Networld Solutions, Inc.
- Developed a work order management system supporting work logging, calendar event scheduling, and reporting.
- Maintained and contributed to an enterprise web storage application used by school districts and hospitals.

Education
MERN Stack Course 2023 - MongoDB, Express, React and NodeJS (2023)

Power BI Data Analyst - PL-300T00 (2022)

Developing Solutions for Microsoft Azure - AZ-204T00 (2022)

Microsoft Azure DevOps Engineer Expert - AZ400 (2020)

Bachelor's Degree in Applied Mathematics, California Polytechnic University of Pomona (2008 - 2013)

KME Math Club, Treasurer (2012 - 2013)

The Mathematical Contest in Modelling (MCM) – Honorable Mention (2013)

Hobbies

Travel, snowboarding, weightlifting, running, skydiving, SCUBA diving, cooking, Dance Dance Revolution, fishing, camping, programming, sewing, photo/video editing, cleaning/organizing, reading.