Michael Kennedy

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TECHNICAL SKILLS

General Experience: Data Structures, Algorithms, Databases, Git, Maven, Azure, SOAP, REST, Jira.
Languages: Java, Javascript, Python, Dart, C, Powershell, Bash.
Frameworks: React.js, Flutter, FastAPI, Vue.js, Sails.js.
Operating Systems: MacOS, Windows, Linux, Android.

EDUCATION

Western Washington University (WWU)   September 2016 – December 2021
Bachelor of Science in Computer Science, Minor in Communication Studies   Bellingham, WA

EXPERIENCE

Heritage Bank Northwest   July 2022 – January 2024
Software Developer I   Burlington, WA

- Collaborated with banking analysts to implement features and resolve bugs in Heritage Bank Northwest's banking relationship and treasury management applications.
- Integrated Bottomline SOAP API to automate onboarding Treasury Management products for customers, eliminating on average 111 clicks per product and reducing the implementation lead time by 50%.
- Spearheaded an 80% reduction in integration time for new services within the Treasury Management application by eliminating hard-coded values and introducing a database-dependent solution.
- Designed, developed, and tested an interactive application that displays a visual diff of code changes using React.js components to streamline the code review process, enabling both developers and non-developers to quickly identify and review changes made while working on a ticket.
- Refactored existing REST API in the Java back-end server to improve code quality, and implemented new features to existing API.

Viking Union (VU), Western Washington University   June 2019 – December 2021
Computer Maintenance Technician   Bellingham, WA

- Acted as the sole on-site technician providing in-person and remote support during COVID-19 lockdown.
- Deployed software and hardware to machines and over 50 offices located throughout the Viking Union.
- Replaced the 3tb shared network drive used by over 200 VU employees with a new 100tb Synology NAS Device.
- Researched, tested, and deployed a single-application kiosk to the VU information desk using Windows 10, PowerShell, Internet Explorer 11, and local group policy configuration.
- Created Bash shell scripts to automate the wiping and reformatting of recovered USB drives in the VU's lost and found.

PROJECTS

Accessibility Testing Automation Application – *Sails.js, Vue.js, Selenium, Python, Deque aXe API*   January 2021 – Present

- Led a team of 4 in the development of a full-stack accessibility checking application for Wandke Consulting – an accessibility consulting company in Bellingham, WA.
- Acted as the point of contact between the development team and the client.
- Facilitated code reviews for new features and gave feedback to team members.
- Utilized Deque Labs' aXe accessibility API and Selenium Webdriver to scan websites and test for over 350 Web Content Accessibility Guideline (WCAG) violations.
- Implemented API routes in the Sails.js backend and integrated a custom Python web crawler.