Martin Barker

Seattle, Washington

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martinbarker.me - LinkedIn - GitHub

Seattle-based software developer with extensive experience in developing and automating software systems. Creator of open-source projects like RenderTune, Vinyl2Digital, and tagger.site. Skilled in creating cloud-native solutions for AWS, ADS, and GCP, automating repetitive tasks, and full software development life cycle practices.

AREAS OF EXPERTISE

- Amazon Web Services
- .Net / C#
- Git / GitHub Actions
- React.JS / Node.JS
- Docker / Terraform
- Python
- Azure DevOps
- MySQL
- HTML / CSS / Javascript

PROFESSIONAL EXPERIENCE

Philips Ultrasound   **Bothell, WA**
Senior DevOps / Software Developer   *February 2022 - May 2024*

- Developed .NET applications in C# / C++, integrating Perl scripts, GitHub API, and SQL databases, enhancing functionality and code management.
- Led the migration from IBM RTC to Azure DevOps, streamlining project management processes.
- Managed NuGet/Artifactory packaging, ensuring efficient build/test/release of .NET applications.
- Implemented GitHub Actions for CI/CD pipelines, enhancing deployment automation and reliability.

Alaska Airlines   **Seattle, WA**
Software Developer Contractor   *September 2021 - November 2021*

- Developed and maintained web and mobile products, improving user experience and functionality.
- Increased accessibility scores for web/mobile products, ensuring compliance with industry standards.

Bungee Tech   **Seattle, WA**
Software Engineer   *January 2020 - August 2021*

- Designed JavaScript web scrapers in Node.js Puppeteer to gather metadata for retail analytics.
- Continuously deployed and monitored performance in Amazon Web Services and AWS Lambda.
- Managed PostgreSQL databases, integrated new front-end features for filtering / querying data.

Zume, Inc   **Seattle, WA**
DevOps Engineer (Software Engineer I)   *September 2019 - January 2020*

- Automated CI/CD build pipelines in Google Cloud Platform with Docker / Terraform / Kubernetes.

MoxiWorks   **Seattle, WA**
Quality Assurance Engineer Intern   *June 2018 - August 2019*

- Strengthened customer experiences by writing full coverage testing suites in Java Groovy.

EDUCATION

Oregon State University   *September, 2015 - July, 2019*
Bachelor's of Science Degree - Computer Science / Cybersecurity

ADDITIONAL SKILLS

- Familiarity with music copyright and automating the digitization and tagging of physical media.