

Stephen Bunn

Software Engineer

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Summary

Highly driven software engineer, passionate about building easily sustainable solutions. Experienced with system engineering, web development, and team leadership. Seeking a fulfilling role alongside a group of dedicated peers where our work with modern technology seeks to benefit others. Located in Raleigh-Durham, North Carolina.

Education

Appalachian State University
Master of Science · 2016–2017

Appalachian State University
Bachelor of Science · 2013–2016

Publications

[Applying Package Management to Mod Installation](#)

Appalachian State University · Aug 2017

Certificates

[AWS Certified Solutions Architect - Associate](#)

Amazon Web Services · Aug 2023

Awards

SSTEM Scholarship

Appalachian State University · Mar 2017

Awarded the SSTEM scholarship due to strong performance in course work and extracurricular research and study groups.

Experience

Lead Software Engineer

[Capital One](#) · Dec 2023

Key contributing engineer within Capital One Shopping team focused on increasing adoption and user satisfaction of their cardholder offers platform. Also worked within the Capital One Cloud Engineering team to help establish best practices for deploying network monitoring software to AWS cloud environments.

- Led the development of the system that allows Capital One cardholders to receive rewards for offers directly tied to their credit card transactions.
- Designed and implemented the deployment methodology of non-cloud off-the-shelf network topology software to AWS cloud environments.

Senior Software Engineer

[Grove Collaborative](#) · Jan 2021–Dec 2023

Acted as the team lead of the Growth and Web engineering teams. Planned and oversaw the implementation of technical refactors and feature improvements to Grove's web client.

- Led the design and development of a web component library. This library was engineered to meet accessibility guidelines and be extensible in any Vue-based rendering environment (SPA, SSR, static page generation).
- Improved both site performance and SEO by transitioning most all landing pages to auto-generated static pages.
- Key contributor in addressing web accessibility concerns and in creating guidelines for producing accessible features in the future.
- Directly responsible SME in Grove's frontend guild helping to define and estimate North Stars for frontend-minded teams.
- Facilitated continuous communication between stakeholders in marketing, design, analytics, and other engineering teams.

Software Engineer 2

[Grove Collaborative](#) · Apr 2019–Jan 2021

Worked on a SWAT engineering team focused on building solutions for complex business requirements and investigating and solving technical issues as they arose.

- Helped to implement payment method fraud detection. Integrated with several third-party services to handle capturing payment from customers on first-time checkouts.
- Helped to establish effective code quality tooling and style guides throughout the engineering organization.