Peter Howland

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Software Developer

Full-stack software developer with 10 years of experience building scalable web apps and backend services. Recent work includes freelance projects and independent development efforts using Java, React, Spring Boot, and AWS. Thrives in collaborative teams building new products from the ground up.

Professional Experience

Haven, LLC — Freelance Software Developer

Remote | 09/2021 – Present

-Actively maintained professional skills and supported multiple clients through freelance and consulting work.
- Built and maintained user interfaces in React; handled back-end tasks using Node.js and Java Spring Boot
- Expanded technical expertise by completing advanced coursework in ReactJS and network security, applying new skills to modernize client applications and enhance code robustness.
- Focused on writing clean, maintainable code and strengthening core development skills during this period

Passport Labs, Inc. — Software Engineer

Charlotte, NC | 06/2019 – 12/2020

- Developed microservices using Node.js, deployed to AWS Lambda
- Built responsive UI components in React and ensured seamless integration with backend APIs
- Maintained unit test coverage above 90% using Jest and Sinon
- Partnered with designers and BAs to translate requirements into technical specifications
- Led knowledge-sharing sessions and mentored junior team members

Bank of America — Application Programmer

Charlotte, NC | 04/2017 – 06/2019

- Converted an internal inventory system backend from SQL Server to Oracle
- Rewrote stored procedures into Java code using Spring and Hibernate (JPA)

- Maintained front-end compatibility using Angular and supported end users during rollout
- Wrote functional use cases and contributed to Agile process improvements

Verian Technologies (Basware) — Software Engineer
Fort Mill, SC | 04/2016 – 11/2016

- Worked on invoice module enhancements using Java/Spring on the backend and AngularJS on the frontend
- Developed unit tests (JUnit, Jest) to increase code reliability
- Actively participated in Agile sprints and contributed to product improvement discussions

Camstar — Application Developer
Charlotte, NC | 03/2015 – 03/2016

- Developed front-end features for a cloud-based MES prototype using a custom JavaScript framework
- Visualized data using D3.js for real-time metrics and analytics
- Gained exposure to Big Data and MES systems while supporting a cross-functional team

American Tire Distributors — Junior Programmer Analyst
Charlotte, NC | 06/2013 – 03/2015

- Built and maintained features for a B2B eCommerce site using Hybris and Spring MVC
- Created custom database import/export tools and dynamic marketing pages
- Worked closely with business users to refine and implement feature requests

Education

Master's Certificate in Software Engineering
Regis University – Denver, CO | 2013

Bachelor of Fine Arts
Elon University – Elon, NC | 2009

Certifications
React Developer Certificate — W3Schools | 2023

Technical Skills
Languages: JavaScript (ES6+), Java, SQL, HTML/CSS, C#
Frameworks/Libraries: React, Node.js, Spring Boot, Angular, Redux, JPA/Hibernate
Dev Tools & Platforms: AWS, Docker, Git, IntelliJ, Maven, Jenkins, JIRA, Swagger
Databases: Oracle, PostgreSQL, MySQL, SQL Server

Practices: Agile, TDD, RESTful API Development, Microservices Architecture
Other: eCommerce (Hybris), D3.js, Unit Testing (Jest, JUnit), Confluence