

NATHAN ELMORE

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SUMMARY

Results-driven full-stack software engineer with 12 years of experience and a history of delivering impactful solutions for customers. Dedicated to continuous learning and improving how we work as software engineers.

EXPERIENCE

PAI, A Brink's Company

Nov 2020 - Present

Senior Product Engineer

Jan 2024 - Present

- Manage a feature team that delivers new features and products, maintains legacy code, performs DevOps, and improves the developer tooling for a network of over 100,000 ATMs nationwide.
- Proposed and led an effort to improve the front-end developer experience by transitioning our monolithic architecture to a Vite based monorepo. This results in instant feedback instead of 60-second cycles, improved linting, easier testing, and an upgrade path for legacy user interfaces.
- Led a project that integrated our system with a new wireless provider that reduced monthly data usage costs by approximately \$30,000 per month. Developed tools that save the wireless team hours of time each week and created dashboards that provide insights for better decision making.
- Created an Incident Retrospective process for the development team to reflect on high severity incidents. This leads to actionable plans to prevent future incidents and better responses to incidents.
- Java | JavaScript | TypeScript | Vue | Vite | T-SQL | SQL Server | Docker | Linux | Git

Software Developer L2

Nov 2020 - Dec 2023

- Coordinated three departments and a vendor to create a wireless device inventory management system that streamlines the entire process from the device being manufactured in China to deployment in the field. This saves the wireless, operations, and accounting teams hundreds of hours monthly.
- Built a process to resolve ATM disputes that saves months of person-hours of work each year, and tens of thousands of dollars in technician dispatches and unresolved disputes each month.
- Created a flexible ETL library that standardized our process for file based data feeds. This significantly reduced development time for new feeds, simplified monitoring and deployment.
- Java | JavaScript | TypeScript | Vue | T-SQL | SQL Server | Docker | Linux | Mercurial

Shenandoah Solutions, Inc.

Jan 2012 – Oct 2020

Software Engineer

- Collaboratively built a Multi-Aspect Radar System (MARS) with a small team of engineers working on all aspects of system development, including system and software design, hardware configuration, calibration, Linux server administration, in-lab integration and testing, and field testing.
- Wrote hardware and software specification documents for the AN/SPS-73(V)18 surface search radar.
- Performed requirements analysis, wrote design verification tests and factory qualification tests for the AN/SPS-73(V)18 surface search radar.
- C/C++ | Perl | Bash | Python | Linux | Subversion

EDUCATION

University of Montana – Master of Science in Computer Science

2010 - 2012

Rocky Mountain College – Bachelor of Science in Computer Science

2006 - 2010

SKILLS

Java | JavaScript | TypeScript | Vue | Vite | SQL | Linux | Git | Mercurial | C/C++ | Perl