Forrest Richardson

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Experience

FIS Global   **DevOps Software Engineer**   **April 2021 — Present**

- CI/CD - Optimize Go CI/CD pipelines to increase accessibility to automation for development teams, implemented modular deployments to reduce site deployment times by 80%, train development teams on process optimization and automation strategies and techniques.
- Build and Package - Manage source code repositories and branches, refine train-wide branching strategy, prepare artifacts for major releases.
- Site Reliability - Maintain development environment uptime to ensure system availability.

FIS Global   **Full-Stack Software Engineer**   **June 2019 — April 2021**

- Integrated a foreign exchange REST API into a B2B payment platform, yielding a projected $1.8 million increase in revenue in 2021.
- Designed and implemented microservices to replace legacy output process, allowing asynchronous development of the output process and reducing financial institution onboarding time by 1-5 days.
- Acting technical team lead – Represent team as subject matter expert when interfacing with stakeholders, write Agile user stories and create technical specifications, cross-train teammates by sharing domain knowledge and technical problem-solving strategies.

US Army National Guard   **Signal Officer (25A/2LT)**   **April 2019 — Present**

- Lead signal soldiers by providing direction and guidance during preparation and configuration of tactical communication networks.
- Manage company-level network operations in support of an Expeditionary Signal Battalion.
- Coordinate training exercises and professional development of signal soldiers.

SecurIT360   **Junior Security Analyst**   **August 2018 — June 2019**

- Detected network security violation patterns via packet analysis with Fortinet's SIEM software.
- Recommended network policy configurations in client firewalls and IDS/IPS devices in order to reduce avenues of exploitation.
- Developed training courses to educate clients based on audited security vulnerabilities.

Technologies

Languages: C#, JavaScript/TypesScript, Python, Java/Kotlin, Rust
Frameworks: ASP.NET, Angular, Node, Android SDK
Technologies: MS SQL, MongoDB, Git, Linux, AWS, HTML, CSS

Education

Georgia Institute of Technology   **January 2021 — December 2023**

- Part-Time Student - Master's Degree in Computer Science

University of Alabama at Birmingham   **April 2019**

- Bachelor's Degree in Computer Science, Minor in Mathematics

Projects

Personal Development Site – 4ist.io

- Angular front-end, NodeJS TypeScript back-end API, MongoDB database.
- Deployed to a Linux VPS utilizing Nginx for handling web requests.