

Forrest Richardson

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Experience

FIS Global **Full-Stack Software Engineer** **June 2019 — Present**

- Integrated a foreign exchange API into a B2B payment platform, yielding a projected \$1.8 million increase in revenue in 2021.
- Design and implement systems of microservices, eliminating cross-organizational DevOps dependencies and reducing client onboarding time by 1-5 days.
- Designed and implemented a foreign exchange payment tracking utility to provide seamless processing and data consistency/integrity between internal and external platforms.
- Acting technical team lead – Represent team as subject matter expert when interfacing with stakeholders, create technical specifications to satisfy Agile user stories, 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, Python, Java, Rust

Frameworks: ASP.NET, Angular, Node

Technologies: MS SQL, MongoDB, Git, Linux, HTML, CSS

Education

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

- 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 with Express back-end, MongoDB database.
- Deployed to a Linux VPS utilizing Nginx for handling web requests.