Dylan Byars

[website](#) · [GitHub](#) · [LinkedIn](#) · [email](#)

Full stack software engineer with experience in the finance, education, and healthcare sectors.

Work

Senior Software Engineer → Capital One (11/2019 - now)

React · TypeScript · AWS · serverless · node · PostgreSQL · Redux · zsh · XState · git

- Served as Tech Lead of a project focused on collecting complex user data associated with Social Security benefits using a custom built form library.
- Implemented an encryption key rotation service with AWS Lambda and AWS Systems Manager.
- Authored technical documentation and scripts to make daily work easier for all engineers on the team and improve the new developer onboarding experience.

Software Engineer → Learning Objects (08/2017 - 11/2019)

React · TypeScript · Angularjs · Scala · Redux · PostgreSQL · Bootstrap · selenide · git

- Developed a web application used to compose and deliver educational content to students via an online learning environment.
- Migrated the client side application from Angularjs to React
- Wrote and maintained reliable automation tests allowing us to continuously push new features to users with less worry that we'd accidentally broken something.

JavaScript Developer → MicroHealth LLC (03/2017 - 08/2017)

JavaScript · HTML · CSS · JSP

- Supported an application used by Department of Defense and Veterans Affairs officials to coordinate medical care for wounded soldiers.
- Created engaging, interactive features and redesigned existing UIs to improve the overall user experience and increase user productivity.

Data Collection Engineer → Leidos (10/2014 - 02/2015)

- Designed, constructed, and maintained web crawlers for a project called Digital Echo.
- Pioneered new techniques to improve the reusability of the code our team used throughout the project.

Account Manager → Carahsoft Technology (07/2015 - 03/2017)

- Introduced technology companies offering innovative cybersecurity solutions to the federal market place, coordinated targeted marketing campaigns, and managed contract negotiations between customers and vendors.
- Specialized in encryption technologies, database scanning and remediation tools, threat intelligence managers, and web application firewalls.

Substitute Teacher → Fairfax County Public Schools (12/2013 - 06/2014)

- Taught science and math classes for absent teachers.
- Developed rapport with students quickly to make lessons interesting.

Manager + Cook + Host → Xenia's (01/2011 - 03/2012)

- Opened the restaurant and prepared food for daily service.
- Helped organize employee schedules and generally maintain order around the restaurant.
- Diced approximately 8 billion tomatoes.

Counselor + Medic → Stone Mountain Adventures (06/2011 - 08/2011)

- Taught music workshops and sailing classes for campers.
- Led sessions with fellow counselors to demonstrate basic first aid techniques increasing the staff's ability to manage minor medical traumas and boosting confidence levels.

EMT → Harrisonburg Rescue Squad (02/2010 - 03/2011)

- Rendered care to patients in distress as a crew member on the ambulance.
- Delivered informative and concise reports on patient conditions and treatments extended when handing patients off to hospital staff.

Education

James Madison University → BA English