

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 related to Social Security benefits using a custom built form library. Responsibilities included: working with product managers to identify technical requirements, transforming those technical and product requirements into actionable tickets, migrating the form library from JavaScript to TypeScript, developing the feature, and working with domain experts to test the feature.
 - 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.
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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. The authoring environment included a user friendly version control system powered by a bespoke graph style database structure.
 - Incrementally migrated the client side application from Angularjs to React.
 - Wrote and maintained reliable automation tests allowing us to continuously deliver new features with confidence.
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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.
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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.
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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.
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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.
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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.
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Counselor + Medic → Stone Mountain Adventures (06/2011 - 08/2011)

- Ran 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.
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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