

# Stephen Blake Adams

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## Work Experience

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### The Vanguard Group

Software Developer

2020 - Current

Charlotte, NC

- Developed multiple SVG-based data visualizations using D3.js in a NestJS microservice that provided point-in-time asset allocation, success rate, and balance trend information for financial advice clients.
- Implemented responsive-first and browser backwards compatible Angular UI for financial advice clients to contribute and withdraw money from financial goals on a multitude of devices.
- Taught a series of bootcamp sessions to new developers at Vanguard on various topics such as NodeJS, Splunk, RESTful services, and manual request testing with Postman and Postman collections.
- Worked on various Java Spring Boot microservice endpoints for the purpose of allowing financial advice clients to integrate cash flow from their banks to their investment accounts aligned toward their financial goals.

### University of Mississippi

Software Developer

2015 - 2020

Oxford, MS

- Designed and implemented a scalable and flexible online system using PHP, JavaScript, and MySQL for collecting, aggregating, and analyzing accreditation specific information for Education students.
- Sanitized, re-structured and migrated a large amount of historical accreditation information to ensure data integrity for the various accreditation processes for each of the Education degree programs to this new system.
- Drafted documentation, conducted training workshops for faculty and staff, and presented the system at nationwide conferences.

### Central Service Association

Software Developer

2014 - 2015

Tupelo, MS

- Developed an AngularJS application with a .NET WCF services back-end allowing utility companies to digitally manage their employee timesheets and payroll systems.
- Created a native Android mobile application using the Java SDK allowing the customers of utility companies to track usage information and forecast consumption and billing information.

## Education

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### M.S. in Computer and Information Science

University of Mississippi

2012 - 2014

### B.S. in Computer and Information Science

University of Mississippi

2010 - 2012

### Professional Certifications

AWS Certified Developer - Associate

2021

## Technologies and Languages

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- **Languages:** TypeScript, ES6, MySQL, Java, PHP, Python, Ruby, C#
- **Technologies:** AWS, Git, Visual Studio Code, Spring Tool Suite, Eclipse
- **Frameworks, Libraries:** AngularJS/2+, Gatsby, React, Ruby on Rails, NestJS, D3.js