Chris
Eady

Software Engineer

Chris Eady
214 Windsor Road
Starkville, MS 39759

662.341.6677
chris.eady1@gmail.com

LinkedIn: https://www.linkedin.com/in/christopheready/
Website: https://chriseady.dev

A full-stack web developer who enjoys the Javascript ecosystem, GraphQL, good design, and pretty much everything else web. Always looking for a challenge and a good team to work with.

Skills

JavaScript + TypeScript
NodeJS
ReactJS
Redux
RESTful and GraphQL apis
Data modeling with SQL and NoSQL databases
Git version control and build pipelines with GitLab

A more thorough list of my relevant skills can be found at the end of this document.

Experience

HBK Engineering Solutions, LLC / Software Engineer III
September 2019 - PRESENT, Starkville, MS

- Worked with a team of engineers to design, build, and deploy full-stack enterprise-level applications for commercial and government customers.
- Spearheaded the frontend development of a new maintenance management framework by building React-based extensions for bulk-editing data in a legacy program.
- Worked directly with customers to understand project requirements and support application deployment.
- Implemented general and customer-specific workflows with permission-based authentication for bulk data management with React using Kendo UI components and Redux.
- Established code formatting and linting standards for company projects using JavaScript and Typescript with Prettier, ESLint, Husky, and lint-staged.
- Built and published npm libraries to a private registry for shared linting rules, utilities, and React components.
- Built standalone configurable full-stack applications with Kotlin and Node to serve React frontend SPAs.
- Built executable Python CLI applications for MongoDB data summarization.

- ⊣ Implemented programs with Kafka as both consumers and producers for processing data on a project pipeline.
- ⊣ Documented application configuration and usage for customer deliverables, as well as best practices for internal development in GitLab wikis.

Mississippi State University Libraries / Full Stack Web Developer
July 2018 - September 2019, Mississippi State University

- ⊣ Designed, built, and deployed full-stack Javascript/Typescript applications to meet tight deadlines.
- ⊣ Developed a time clock application for our department to manage student worker shifts and generate timesheets at the end of each pay period (approximately 100-150 users including students and supervisors).
- ⊣ Developed and deployed a proxy application for granting statewide K-12 school districts, community colleges, and public libraries easy access to EBSCOhost and other research databases.
- ⊣ Maintained web applications to keep dependencies up to date and patch security vulnerabilities.
- ⊣ Worked in a team environment consisting of a project coordinator, two developers, and a user experience specialist/designer.
- ⊣ Built in-house reporting tools with client-side frameworks, e.g. ReactJS, that interfaced with third party REST APIs.
- ⊣ Assisted in the improvement of website & web application accessibility according to WCAG standards.
- ⊣ Deployed self-hosted applications on Linux servers (CentOS & Ubuntu) behind reverse proxies with Nginx & Apache web servers, SSL certificates, and process management controllers such as PM2.

Self-Employed / Freelance Web Developer
January 2015 - PRESENT, Starkville, MS

- ⊣ Designed and built a wide range of web sites and applications for clients using web technologies including but not limited to Ruby on Rails, Node JS/express, React JS, and static web pages.
- ⊣ Implemented user authentication and authorization with both session cookies and JSON web token technologies.
- ⊣ Built web applications using a Model View Controller (MVC) framework architecture. The largest currently active application is nmsemmaus.org – a Ruby on Rails application with a PostgreSQL database built for the North MS Emmaus Community (approximately 10,000 members) containing community member data, online application processes, and the means for admin users to batch upload new data through a CSV file upload process with error reporting.
- ⊣ Tested application with unit-testing methods in multiple languages. Special attention has been given to a Test-Driven Development approach to ensure that applications are functioning properly before deployment to a production environment.
- ⊣ Built dynamic user interfaces with front-end frameworks, primarily React JS, and using CMS technologies e.g. Netlify CMS, Contentful, etc.

Mississippi State University Shared Advancement Services/

Coordinator of Information Services

OCTOBER 2013 - JULY 2018, Mississippi State University

- Programmed and implemented scripts using Git, Bash, Excel VBA, SQL, Python, and Ruby languages for merging and processing CSV and text file types to prepare data for uploading to Banner.
- Managed staff and student access to various systems including university wired and wireless networks, Administrative Banner, Active Directory, and other software.
- Administered equipment and worked with vendors necessary to bring the Division of Development and Alumni under full PCI compliance in regards to credit card processing.
- Managed, procured, and installed desktop workstations and other technical equipment for the MSU Division of Development and Alumni.
- Coordinated with campus ITS support for setup of desktop workstations and various other IT needs for the Division.
- Supervised Information Technology student workers who were responsible for providing support to staff within the Division of Development and Alumni.

National Research & Training Center on Blindness & Low Vision/ Undergraduate Research Assistant

OCTOBER 2011 - JUNE 2013, Mississippi State University

- Assisted in online survey construction, data collection and statistical data analysis for multiple projects.
- Coauthored annual evaluation reports for blind programs in different states.
- Aided with the design and function of the NRTC's Continuing Education distance learning web pages.

Center for Advanced Vehicular Systems (CAVS)/ Undergraduate Research Assistant

FEBRUARY 2009 - MAY 2010, Mississippi State University

- Worked with a team of researchers to test various materials in fatigue and structure analysis.
- Organized test data into a presentable form for research customer and CAVS database purposes.

Education

Mississippi State University / M.S. in Information Systems
GRADUATION DATE: May 2019 (4.0 GPA)

Mississippi State University / B.S. in Educational Psychology
GRADUATION DATE: December 2012 (3.72 GPA)

Publications

Cavenaugh, B., & Eady, C. R. (2012). *Alabama Department of Rehabilitation Services: Title VII – Chapter 2 Program Evaluation Report, Fiscal Year 2011.* Research Rehabilitation and Training Center on Blindness and Low Vision, Mississippi State University.

Cavenaugh, B., & Eady, C. R. (2012). *DSB-STEP State of Arkansas: Title VII – Chapter 2 Program Evaluation Report, Fiscal Year 2011.* Research Rehabilitation and Training Center on Blindness and Low Vision, Mississippi State University.

Cavenaugh, B., Eady, C. R., & Bybee, J. (2013). *Project Independence: Georgia Vision Program for Seniors. Title VII-Chapter 2 Program Evaluation Report, Federal Fiscal Year 2012.* National Research and Training Center on Blindness and Low Vision. Mississippi State University.

LeJeune, B. J., & Eady, C. (2013). *The BRIDGE Program: Commonwealth of Massachusetts, Massachusetts Commission for the Blind, Title VII – Chapter 2 Program Evaluation Report, Fiscal Year 2012.* National Research and Training Center on Blindness and Low Vision. Mississippi State University.

Skills (continued)

- HTML, CSS, CSS-in-JS libraries (e.g. Styled Components, emotion, etc.)
- JavaScript (ES5 & ES6) & Typescript
- JavaScript back-end frameworks: ExpressJS, Fastify, NestJS, TypeGraphQL, Apollo Server (GraphQL)
- JavaScript front-end frameworks: ReactJS, GatsbyJS, NextJS, Svelte/SvelteKit
- Third-party component libraries
- Testing with cypress and Jest
- Other Languages: Ruby, Python, Kotlin, PHP, GoLang, Dart
- Other Web Frameworks: Ruby on Rails, Sinatra (Ruby), Flask (Python), Kotlin Spring
- Session and token-based authentication methods – JSON web tokens & cookies
- Redis
- Database modeling – relational (e.g. PostgreSQL) and

non-relational (e.g. MongoDB)

- SQL variants including SQLite3, mySQL, and PostgreSQL
- NoSQL databases, including MongoDB & Google Firebase/Firestore
- Static site generators: Gatsby (JavaScript), Jekyll (Ruby), Hugo (GoLang)
- Git (version control)
- Bash (shell scripting)
- C, C#, .NET, Microsoft Visual Basic
- Visual Studio and VS Code IDEs
- Excel Visual Basic for Applications (VBA)
- XML and JSON APIs