

Hamish McGregor

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* Please note: Australian citizens are eligible for an E-3 Visa to work in the US. The turnaround time for this Visa is 4 weeks with a valid job offer, and costs the applicant \$315. *

Dedicated and personable software developer with over three years of experience in frontend and backend development, specializing in building .NET web applications. Skilled in creating engaging user interfaces and seamless user experiences, combining technical proficiency with a strong design background to deliver user-centered digital products.

Technical Skills

Languages:

C#, JavaScript, TypeScript, HTML, CSS, SQL

Frameworks and More:

.NET, React, Node.js, Bootstrap, MSSQL Server, Git, DevOps, Adobe Experience Manager

Design:

Figma, Illustrator, Photoshop, InDesign

Work Experience

AllianceBernstein

Global asset management firm providing investment management and research services.

Nashville, TN

Aug 2021 - Apr 2024

Software Developer

Worked on the web development team responsible for Bernstein.com, a private wealth management site that offers information about AB and its services before login, and provides high-net-worth investors with access to sensitive account information and various account management actions after login.

Utilized frontend (React, JS, HTML & CSS) and backend (.NET, C#, SQL) technologies daily to develop new features and resolve support tickets, enhancing the site's functionality and user experience.

Led the migration of the site's post-login content from an expiring CMS to Adobe Experience Manager (AEM). Built a NuGet Package to handle the site's transition to AEM, incorporating HTTP requests for content retrieval, caching for optimized performance, and server-side file monitoring to ensure the latest content was displayed.

Integrated Glance Cobrowsing into Bernstein.com, enabling older or less tech-savvy clients to easily share their screen with AB financial advisors for assistance in navigating the site and completing account-related tasks, while ensuring sensitive financial data remained protected.

Designed and developed React components for the firm's first design system, built on Material UI and deployed via Vercel. The system provided developers with easily customizable, company-branded UI components as reusable HTML markup.

Developed a suite of frontend tests using TypeScript, simulating user interactions to validate expected functionality and ensure correct rendering of DOM elements. Automated the test suite with Cypress and integrated it into DevOps pipelines, significantly reducing manual testing efforts and improving deployment efficiency.

Completed AB's Technology and Operations Graduate program, which included three 6-month rotations as a software developer, gaining experience across multiple teams.

Designed and developed new tools for a portfolio management desktop application (.NET WinForms) used by portfolio managers to handle account-specific requests for their clients. These tools replaced manually executed SQL stored procedures, freeing up developers' time and giving portfolio managers greater autonomy.

AllianceBernstein

Software Developer Intern

Nashville, TN
Jun 2020 - Aug 2020

Developed new ETL processes using Python and SQL to improve the precision and accessibility of macroeconomic indicator data, which supported the generation of key financial factors.

Built Python programs to parse and visualize large and loosely formatted financial data to assess the cost effectiveness of acquiring additional data from vendors such as Bloomberg.

Provider Pool

Online labor marketplace connecting hospitals to nursing professionals for staffing.

Software Developer Intern

St. Louis, MO
Jun 2019 - Aug 2019

Created a messaging feature for an online nursing platform that connected nurses with nearby facilities, allowing them to schedule shifts and communicate about other work-related matters.

Education

Washington University in Saint Louis

Bachelor of Science | Major in **Computer Science** | Minor in **Design**

St. Louis, MO
Aug 2017 - May 2021

3.6 GPA

Dean's List of Engineering: Spring 2021, Fall 2020, Spring 2020, Fall 2019, Spring 2018, and Fall 2017

Men's Varsity Basketball 2017 - 2019

Washington University Interfraternity Council Executive Board - Director of Programming

Member of Sigma Chi International Fraternity - Served as Social Chair