COLBY MILLER

hello@colbymillerdev.com   Baltimore, MD

Expertise

Languages:	JavaScript, TypeScript, HTML, CSS, SQL, Java, Ruby, Shell Scripting
Frameworks/Libraries:	React, Redux, React Native, Angular, Node, Express, NestJS, Gatsby.js, Spring Boot, Ruby on Rails
Databases:	PostgreSQL, Oracle, Firebase, MongoDB
OS:	UNIX, DOS, macOS, Windows, iOS, Android
Software:	Visual Studio Code, Git, GitHub, Bitbucket, Postman, DataGrip, Docker, Eclipse, PuTTY, Xcode
Cloud Services:	Google Cloud, Firebase, AWS

Experience

Software Engineer *(Moser Consulting)*   Aug 2014 - Present
- Full Stack Developer – Ecommerce Contract (Current Project)
  - Part of an agile scrum team developing various web applications including an ecommerce store, product/inventory management, and account management tools.
  - Backend RESTful API development using Node/Express, Bookshelf.js ORM, and Knex.js. Front end development using React and Redux. Various web services built using NestJS and TypeORM. Data is stored and queried using a PostgreSQL database. All applications, databases, and CI Pipelines are hosted in AWS.
- Full Stack Developer – Healthcare Contract
  - Project to create a shared health and human services cloud platform for the State of Maryland.
  - Part of the agile development team building a full stack web application using Angular 6, Java Spring Boot REST API, and PostgreSQL database.
- Full Stack Developer – Internal App Dev Team
  - Part of Moser's full stack web development team building core internal applications. Extensive front end development using React and Redux. UI designed with Reacts Styled Components library. Backend development of a custom REST API using Ruby on Rails. Data is stored and queried from a PostgreSQL database.
- 2018 Summer Internship Program Lead
  - Led Moser Consulting's summer internship program in the Baltimore office.
  - Mentored a college level intern and built a full stack mobile application using React Native. The API and database were developed using Google Cloud's Firebase platform.
- Developer – Healthcare Contract
  - Part of the development team building solutions to support Data Analytics efforts.
  - Wrote Java applications to automate a vast array of manual tasks and increase efficiency.
  - Wrote SQL queries to validate/analyze large amounts of data.
  - Developed various Shell Scripts to assist in scrubbing, moving, and loading data files on an hourly basis.
  - Made use of ETL tools for Business Intelligence development.

Consultant *(IBM Global Business Services)*   Jun 2013 - Jul 2014
- Created technical and functional design specifications, as well as User Test Plans.
- Back-end object development within the Data Warehouse.
- Extracted, transformed, and loaded data from source systems into the Data Warehouse.
- Wrote queries to be used in Business Intelligence reporting.
- Front-end development of user reports.

Personal Projects

react-native-progress-steps *(Published NPM package) https://www.npmjs.com/package/react-native-progress-steps*
- A simple and fully customizable React Native component that implements a progress stepper UI. Open source project.

colbymillerdev.com *(Gatsby.js/React/Styled Components) https://colbymillerdev.com*
- Personal website developed using Gatsby.js, React, and Styled Components. Responsive and fast progressive web application. Hosted using Netlify.

Education

B.S in Management Information Systems, West Virginia University   Aug 2009 - May 2013
- Vice President and Officer of WVU's MISA (Management Information Systems Association)