

Brennan Reed

Software Developer

SUMMARY

Creative, detail-oriented, full-stack software engineer with a proven track record of creating and implementing successful front and back-end web applications, developing solutions, and collaborating successfully with all stakeholders.

WORK EXPERIENCE

Software Engineer at 100devs, Remote

March 2022 — Present

- Collaborated with a team of developers to build modern and responsive web applications using best practices
- Built semantically structured full-stack web applications
- Applied agile methodologies like SCRUM for project management

Recent Projects:

E-commerce Site (MongoDB, Express.js, React/Redux, Node.js) - Created a full-service shopping site. Created endpoints with routes and controllers, including examples of redirects such as identifying if a user is already logged in. Set up authentication using JSON Web Tokens and Bcrypt. Used Redux for state management for various aspects, such as tracking items in the shopping cart. Includes checkout process, review system, top products carousel, and thorough admin functionality (adding users/products/etc) as well.

Travel/Vacation Site (MongoDB, Express.js, Angular, and Node.js) - Created an all-in-one vacation planning travel agency site. Designed wireframes to match customers' needs and developed the site's architecture. Coded front-end with JS/HTML/CSS, designed backend database and connected to the server, created single-page application front-end admin page with Angular, and added appropriate security/authentication methods such as RESTful API routes.

Head of Children's Services at Kokomo Public Library | Kokomo, IN

April 2016 – April 2022

- Implemented over 25+ new programs for various age demographics yearly and increased attendance at existing events by over 25% on average
- Developed and implemented multiple new initiatives, such as a diversity training program, an outcome-based measurement system for events, and a STEM program for underprivileged youth that brought hundreds of unique visitors to the library each year
- Supervised Children's Dept., served as a member of the Leadership Team, and co-chaired Programming Committee

Supervisor at Best Buy | Kokomo, IN

June 2013 — June 2016

Led and coached two teams (Telecommunications/IoT and Geek Squad) and was responsible for sales, customer experiences, and overall store management.

OTHER PROJECTS

Machine-learning Maze Solver

September 2022

Created a maze-solving agent utilizing TensorFlow and Python. Implemented a Q-Learning algorithm to help the agent reach a 100% solve rate for the puzzles.

CONTACT

1941 Gladstone,
Kokomo, IN 46901

574-601-1814

brtreed3@gmail.com

brennanreed.com

github.com/bizerk3d

linkedin.com/in/brennan-reed

SKILLS

HTML/CSS

Javascript/TypeScript

C#/C++/C

React

Angular

Java

MongoDB

Agile/Scrum

Node.js

Express.js

SQL

AWS

Source Control (Git)

CI/CD

Containers (Docker)

SDLC

RESTful APIs

EDUCATION

SNHU

2021-2023

B.S. Computer Science, 4.0

University of Kentucky

2016-2017

M.S. in Library Science, 4.0

Indiana University

2008-2012

B.S. Secondary Education