


Ashlyn Antoo

Entry Level Full Stack Web Developer

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 My Portfolio Website

 My GitHub Account

 My LinkedIn Profile

EXPERIENCE

Certifications & Projects - Full Stack Web Development

January 2023 – Present

- Developed 25+ front-end, back-end, and full-stack (MERN stack) applications.
- Applied MVC (Model-View-Controller) architecture for the applications to enhance maintainability, scalability, and efficiency.
- Constructed 25+ responsive user interfaces using HTML, CSS, JavaScript, Bootstrap, and React.js.
- Built reusable components using React.js which helped in reducing the development time.
- Utilized React Query to avoid unnecessary API requests by caching and therefore optimized application performance.
- Implemented the loader function in React Router to fetch the data before rendering the components making the application faster and more responsive.
- Used Redux Toolkit for state management in applications.
- Integrated front-end with back-end.
- Designed and built REST APIs for 3 applications using Node.js and Express.js and fetched data from third-party APIs using Axios.
- Documented REST APIs for 2 applications utilizing Docgen and Postman.
- Tested, debugged, and troubleshoot application errors and resolved errors using error handlers.
- Utilized both bearer tokens and cookies for authentication.
- Implemented methods like hashing & encryption and added extra security packages in the back-end to prevent security attacks.
- Designed MongoDB database schemas for 3 applications to store and retrieve data efficiently.
- Exploited MongoDB aggregation pipeline for complex queries in 1 application.
- Used Stripe APIs to process the payments securely in 2 e-commerce applications.
- Deployed 25+ applications on Netlify and 5 applications on Render.

Assistant Systems Engineer – Tata Consultancy Services (TCS)

March 2011 – July 2012

- Trained in Java and Web Technologies (Java EE, Oracle, JBoss, Spring, Hibernate, Apache Derby, Apache Tomcat, Eclipse IDE).
- Involved in all the phases of the software development life cycle (requirement identification, analysis, design, development, and testing) as part of training.
- Integrated our team's software application with 4 other teams' applications to form a single software application and was recognized as TCS Gem for this work.
- Collaborated with 5 other team members to analyze the software application, write & execute test cases, and perform regression testing.

EDUCATION

Master of Technology (M. Tech) – Computer Science & Engineering

August 2012 – August 2014

Bachelor of Technology (B. Tech) – Computer Science & Engineering

June 2006 – June 2010

SKILLS & TOOLS

Front-end: HTML, CSS, JavaScript, jQuery, React.js, Bootstrap, Tailwind CSS, daisyUI, Styled Components, Axios, React Router, React Query, Redux Toolkit

Back-end: Node.js, Express.js, REST APIs, JSON Web Token (JWT)

Database: MongoDB, Mongoose, MySQL

Other Programming Languages: Basics of C, C++, Java

Others: Git & Version Control, GitHub, Visual Studio Code, Atom, Chrome DevTools, Vite, Airtable, Contentful, Cloudinary, SendGrid, EmailJS, Auth0, Stripe, Postman, Docgen, Netlify, Render

CERTIFICATIONS & COURSES

NodeJS Tutorial and Projects Course - Udemy

March 2024

React 18 Tutorial and Projects Course - Udemy

December 2023

The Complete Web Development Bootcamp - Udemy

July 2021

AWARDS & HONORS

- 'On The Spot Award' for the outstanding contribution to the organization at Tata Consultancy Services, Chennai, India, 2011.
- 'Best Paper Award' for the research paper 'EEM-LEACH: Energy Efficient Multi-hop LEACH Routing Protocol for Clustered WSNs' at the IEEE International Conference, ICCICCT 2014.
- GATE Scholarship for the Master of Technology in Computer Science & Engineering.

PROJECTS (Please visit my portfolio website to view additional projects)

Comfy Sloth

 [Comfy Sloth Website](#)

 [Comfy Sloth GitHub page](#)

An E-commerce front-end application designed using React.js, React Router, Redux Toolkit, React Query, and Styled Components. Online payment is securely processed using Stripe. Auth0 is used for user authentication.

Comfy Sloth API

 [Comfy Sloth API](#)

 [Comfy Sloth API GitHub Page](#)

An E-commerce back-end (server) application developed using Node.js, Express.js, MongoDB, and Mongoose that processes API requests from the front-end. REST APIs are documented using Docgen and Postman.

Jobster

 [Jobster Website](#)

 [Jobster GitHub Page](#)

A full-stack (MERN) application designed and developed using React.js, React Router, Redux Toolkit, React Query, Styled Components, Node.js, Express.js, MongoDB, and Mongoose for tracking job applications. The user can add job applications, update the status of these job applications, and view all the applications.