

# Calvin Tucker

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## SUMMARY

Full-Stack Developer specializing in the MERN stack to build responsive, user-friendly web applications. Proven ability to independently develop and deploy projects from concept to completion. Eager to apply strong problem-solving and secure coding skills to contribute to a collaborative team

## PROJECTS

### Full Stack Bakery E-Commerce Platform (MERN Stack) | Personal Project

- **Administrative Dashboard:** Developed a secure, private administrative dashboard allowing for seamless inventory management, including the addition and removal of products.
- **CRUD Implementation:** Architected a full CRUD (Create, Read, Update, Delete) API, empowering administrators with full control over product inventory and order management.
- **Secure Authentication:** Built a secure authentication system using JWT to protect customer data and enable features like profile management and order history.

### Full Stack Recipe Management Web App (MERN stack) | Personal Project

- **CRUD Implementation:** Architected a full CRUD (Create, Read, Update, Delete) API, empowering users with complete control over their personal recipe collections.
- **Secure Authentication:** Implemented persistent user sessions using JSON Web Tokens (JWT) stored in secure, HTTP-only cookies to ensure robust security and state management.
- **Responsive UI/UX:** Developed a responsive, mobile-first user interface with Tailwind CSS, providing a seamless and intuitive recipe management experience on any device or browser.
- **Foundational Development:** Built the application entirely from scratch to demonstrate a deep, practical knowledge of API design, state management, and MERN stack principles.

## EDUCATION

### B.S. Computer Science

- ❖ Southern New Hampshire University • Manchester, NH • 2025 • 3.96
- ❖ Awarded President's list 10 times in a row.

## CERTIFICATIONS

### Datacom - Software Development Job Simulation

- Forage • 2025
- ❖ Demonstrated professional-level problem-solving by debugging and resolving critical issues within a web application.
  - ❖ Applied industry-standard practices in a simulated professional software development environment.

## SKILLS

- **Languages:** JavaScript, TypeScript, Python, Java, C#, C++, HTML, CSS
- **Front-End:** React.js, Vue, Nuxt, Tailwind CSS, Daisy UI
- **Back-End:** Node.js, Express, Django, Java Spring Boot, .NET

- **Databases:** MongoDB, Mongoose, MySQL, PostgreSQL, DynamoDB
  - **DevOps & Deployment:** AWS, Git, GitHub, Docker, Kubernetes
  - **APIs & Security:** REST, GraphQL, CRUD, JWT, OAuth2
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