David Jordan

Software Engineering Graduate Student | Full-Stack & Backend Development

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[Portfolio]

Graduate student in Computer Science with internship experience in **frontend, backend, and full-stack** development. Skilled in **Python, JavaScript, Node.js, React,** and **SQL**, with a strong foundation in **algorithms, data structures, OOP,** and scalable system design. Proven track record of delivering production-ready solutions, optimizing performance, and collaborating in Agile environments.

Experience

Frontend Developer Intern

Private Contractor · Jan 2025 - July 2025

- Built and deployed a responsive online course platform using **React**, **TypeScript**, **TailwindCSS**, **Firebase**, and **Stripe**, enabling the company's first digital product launch and increasing inbound inquiries by **20%**
- Integrated secure payment processing with Stripe and implemented Firebase Authentication to streamline user onboarding and payment flow
- Collaborated directly with product stakeholders in Agile sprints to prototype, test, and release new features based on customer feedback
- Reduced initial page load time by **30%** by optimizing frontend performance and implementing SEO best practices

Web Developer Intern

Cabarrus County Government · June 2024 - Aug 2024

- Upgraded internal government web applications by redesigning UI components and implementing accessible **HTML/CSS/JS** practices
- Diagnosed and resolved **frontend-to-backend** connectivity issues, reducing recurring technical support tickets by **25%**
- Supported minor **backend** functionality enhancements and configuration tasks, gaining exposure to system-level troubleshooting.

Software Developer Apprentice

Crossfit · Aug 2023 - Jan 2024

- Built and styled responsive pages using **JavaScript, HTML/CSS**, and **Bootstrap** to support a fitness scheduling portal redesign.
- Engaged in regular code reviews and pair programming sessions with a senior developer to refine clean code practices and **Git** workflow
- Designed small **Python** scripts to handle **backend** form validation and internal data sanitization during early-stage product builds

Technical Skills

Languages: Python, JavaScript, TypeScript, SQL, Java (familiar), HTML, CSS
Frameworks & Libraries: React, Node.js, Express, TailwindCSS, Bootstrap
Databases: PostgreSQL, MongoDB, Firebase
Tools & Platforms: Git, GitHub, Stripe API, TMDB API, Vercel, Render, CI/CD
Core Competencies: Algorithms, Data Structures, API Design, Performance Optimization, Scalable Web Architecture

Education

Georgia Institute of Technology – Atlanta, GA

M.S. Computer Science (Expected May 2027) | Concentration: Machine Learning

East Carolina University – Greenville, NC

B.S. Computer Science (May 2025)

Relevant Coursework: Data Structures & Algorithms, Systems Programming, Database Management Systems, Software Engineering

Projects

Cinenode
Tech Stack: React, TailwindCSS, Express, Node.js, Github, TMDB API, Vercel, Render
Built a full-stack movie game where users navigate from one film to another through shared cast members. Implemented a dynamic search experience using TMDB API, managed state and routing with React, and developed custom backend endpoints in Express to handle data logic.

SunsetNine.com
Tech Stack: MongoDB, Express, React, Node.js, TailwindCSS, Firebase, GitHub
Built a full-stack e-commerce platform for Sunset Nine, a golf-themed t-shirt brand. Developed dynamic product listings, user authentication, and cart functionality using the **MERN** stack. Designed a responsive frontend with React and TailwindCSS, backed by a **Node.js/Express API** and **MongoDB** for persistent storage. Included a secure admin dashboard for managing product inventory, allowing seamless product creation, updates, and deletions. Deployed the platform with Firebase for fast and scalable hosting.

Leathershield Education
Tech Stack: React, Typescript, TailwindCSS, Github, Firebase
Developed a responsive web platform for Leathershield Education to manage and promote AHA and certification courses. Collaborated with another developer to build the frontend using React and TypeScript, integrated user authentication and routing, and deployed the platform via Firebase for seamless scalability and real-time updates

Certifications

CompTIA A+
Oct 2024 - Oct 2027