

# COREY PARSONS

Panama City Beach, FL

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[www.coreyparsons.dev](https://www.coreyparsons.dev)

## SUMMARY

*Full Stack Web Developer with a background in software quality assurance and a degree in Computer Science. Experienced in building responsive, tested web applications using React, Node.js, TypeScript, and PostgreSQL. Brings attention to detail and a passion for clean, maintainable code across front-end and back-end systems. Strong understanding of Agile methodologies and CI/CD best practices.*

## TECHNICAL SKILLS

**Languages:** JavaScript, Python, TypeScript, HTML, CSS, SQL

**Frameworks & Libraries:** React, Node.js, Express, Apollo Client

**Databases:** PostgreSQL, MongoDB

**APIs & Tools:** RESTful APIs, GraphQL

**Testing:** Cypress, Vitest, Manual QA Testing

**Tools:** Git, GitHub, Render, Netlify, JIRA, QTest, ClearQuest, Agile/Scrum

## RELEVANT EXPERIENCE

**Software Quality Assurance Test Engineer**  
**Scientific Games Inc.**

2014 – 2019  
Alpharetta, GA

*Executed comprehensive manual and regression testing on mission-critical lottery systems spanning multiple state jurisdictions. Collaborated closely with cross-functional development teams in Agile environments to proactively identify, document, and resolve software defects. Applied analytical thinking and attention to detail to ensure software met stringent regulatory and quality assurance standards prior to public release. Communicated effectively with developers, project managers, and QA leads to streamline testing processes and support continuous improvement initiatives.*

Key Accomplishments:

- *Reduced testing time by 20% by streamlining test case execution and helping optimize documentation for repeatability.*
- *Improved release stability across multi-state deployments by executing full regression suites on lottery systems with 99.9% uptime requirements.*
- *Mentored new QA team members on test execution best practices and internal QA tools, acceleration onboarding and productivity.*

**Web Presence Specialist**  
**UniqueSquared**

2012 - 2013  
Atlanta, GA

*Managed and updated eCommerce websites using content management systems (CMS) to ensure product accuracy, SEO optimization, and visual consistency across platforms. Troubleshoot website issues and liaise with technical teams to resolve bugs, update plugins, and ensure mobile responsiveness and cross-browser compatibility. Maintained digital assets including product descriptions, metadata, pricing, and media to support eCommerce goals and branding consistency.*

**Key Accomplishments:**

- *Boosted SEO rankings for core products by implementing keyword-rich metadata, structured data, and on page SEO best practices.*
- *Contributed to a cross functional initiative with marketing and dev teams to launch seasonal campaigns to generate spikes in online sales.*
- *Built tailored eBay store layouts for manufactures, aligning design with brand identity and improving user experience across product listings.*

**ADDITIONAL EXPERIENCE**

**Juvenile Detention Officer**  
**Bay Regional Juvenile Detention Center**

2024 - Present  
Panama City, FL

*Maintain a safe, structured environment for youth in custody by adhering to strict protocols and monitoring behavior with vigilance and professionalism. Apply behavior management techniques to de-escalate conflicts, reinforce structure, and support individual rehabilitation plans. Collaborate with multidisciplinary teams including counselors, law enforcement, and administrative staff to coordinate care and ensure compliance with legal and institutional standards.*

**CNC Programmer / IT Support**  
**JetBoat Pilot & Donalson Contracting**

2022 – 2023  
Panama City Beach, FL

*Programmed and operated CNC machines to produce high-precision products, applying technical expertise and attention to detail to meet production standards. Supported IT operations by configuring hardware and software, managing system setups, and troubleshooting technical issues across departments. Demonstrated adaptability by bridging hands-on manufacturing with IT support, effectively communicating with both technical and non-technical team members.*

**Department Supervisor**  
**Lowe's Home Improvement**

2019 - 2022  
Macon, GA

*Supervised a team of 10+ associates, providing daily leadership, scheduling, and performance coaching to drive operational efficiency and excellent customer service. Managed inventory systems and ensured real-time accuracy through audits, data entry, and coordination with supply chain partners. Acted as a communication bridge between front-line staff and store leadership, translating strategic goals and actionable plans on the sales floor.*

## PROJECTS

**FantasyIQ** | <https://github.com/cpars/FantasyIQ> | In active development

- **FantasyIQ** is a full-stack fantasy sports tracker designed to help users create teams, track performance, and analyze statistics using live sports APIs. The application focuses on providing real-time insights and is built to scale for future predictive features.
- Technical Highlights:
  - Developed backend using **Python** and **Flask** to structure RESTful API endpoints and handle player data.
  - Built the frontend with **React**, **TypeScript**, and **Vite**, focusing on responsive design and dynamic team interfaces.
  - Integrated third-party sports APIs for real-time stats and matchup data.
  - The project is ongoing with frequent updates; source code available on GitHub.

**Weaver** | <https://github.com/ccasalme/Weaver> | <https://weaver-9su3.onrender.com>

- **Weaver** is a full-stack collaborative storytelling app that lets users write, branch, and comment on interactive stories in real time.
- Core Responsibilities:
  - Led testing and CI/CD efforts by developing Cypress and Vitest test suites, setting up GitHub Actions for automated deployment, and ensuring frontend reliability.
  - Built and tested complex UI components including modals, forms, and animations, with a focus on accessibility, user feedback, and performance.
- Tools / languages used:
  - **Languages & Frameworks:** TypeScript, JavaScript, React, Node.js, Express.js, GraphQL, HTML/CSS
  - **Frontend Libraries & Tools:** Apollo Client, React Router, Framer Motion, Tailwind CSS, Shadcn/UI, React Markdown, Canvas Confetti, clsx, Lucide React
  - **Backend Libraries & Tools:** Apollo Server, Mongoose, JWT, bcrypt, Express.js
  - **Testing & QA:** Cypress, Vitest, React Testing Library
  - **Build tools and Configuration:** Vite, Nodemon, tsconfig.json, Prettier & ESLint
  - **Deployment & Dev Tools:** Render, MongoDB Atlas, Github Actions, Git & Github, VS Code,

**Book Search Engine** | [https://github.com/cpars/Book\\_Search\\_Engine](https://github.com/cpars/Book_Search_Engine) | <https://book-search-engine-lx96.onrender.com>

- Refactored an existing MERN stack book search application from a RESTful API to a GraphQL-based API using Apollo Server. Implemented secure user authentication, Apollo Client integration, and full CRUD functionality for saving and managing books. Deployed the app using Render and MongoDB Atlas.
- Core Responsibilities:
  - Replaced RESTful routes with GraphQL queries and mutations for login, signup, saving books, and removing books.

- Refactored authentication middleware to work with a GraphQL API and JWT-based token handling.
- Built Apollo Client integrations using `useMutation()` and `useQuery()` to manage book saving and retrieval in React components.
- Converted existing frontend logic to GraphQL-based operations in components like `SearchBooks`, `SavedBooks`, `SignupForm`, and `LoginForm`.
- Deployed the full-stack application to Render with persistent cloud-based storage via MongoDB Atlas.
- **Tools / languages used:**
  - **Languages & Frameworks:** TypeScript, React, Node.js, GraphQL, HTML/CSS
  - **Frontend Libraries & Tools:** Apollo Client, React Router, JWT Decode
  - **Backend Libraries & Tools:** Apollo Server, Express.js, Mongoose, jsonwebtoken, bcrypt
  - **Database & Hosting:** MongoDB, MongoDB Atlas, Render
  - **Dev & Build Tools:** Git & Github, VS Code

## EDUCATION

### **Full-Stack Software Development Certificate:**

**University of Central Florida, Orlando, FL**

2024 - 2025

*An intensive full-stack software development bootcamp focused on building production-ready web applications using modern technologies. Trained in front-end and back-end development, testing, databases, and DevOps practices through hands-on projects and team collaboration.*

### **Bachelor of Science in Computer Science:**

**Georgia Southern University, Statesboro, GA**

Graduated 2012