

Samuel Connor

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🌐 [Portfolio](#) | 🔗 [LinkedIn](#) | 💻 [GitHub](#)

Junior Full Stack Engineer | LLM & AI-Powered Products

💡 Profile

Full-stack engineer passionate about building and shipping modern web and AI-powered applications. Experienced in React, Next.js, Node.js, and TypeScript, with hands-on use of OpenAI/ChatGPT APIs and prompt engineering. Adept at rapid prototyping, product iteration, and collaborating with senior engineers. Currently developing LLM-driven features for real-world user workflows. Eager to join a fast-moving team and help shape the next wave of AI tools.

🏆 Key Skills

- React, Next.js, TypeScript, JavaScript (ES6+), Node.js, Express
- Python (basics), OpenAI/ChatGPT API, Prompt Engineering, LangChain (learning)
- MongoDB, RESTful APIs, JWT Auth, CI/CD, Git & GitHub, Vercel
- AI-assisted development (Cursor, Copilot), Rapid Prototyping, Product Iteration
- Team Collaboration, Code Review, User Feedback Loops

✂ Current Projects

- Building a full-stack application leveraging ChatGPT (OpenAI API) for user-facing automation and content generation. Focused on prompt engineering, rapid prototyping, and user feedback. (Private repo, launching soon)

🚀 Projects

ApartmentFlow Full-Stack Application – [GitHub](#)

- ✓ Technical lead on a comprehensive apartment search platform (Next.js, Express, MongoDB, JWT)
- ✓ Implemented user authentication, property search, and real-time features
- ✓ Led team collaboration, code reviews, and product iteration

Event Management App – [GitHub](#)

- ✓ Full-stack event management with authentication, event creation, and real-time updates
- ✓ Used Next.js, Express, MongoDB, JWT; managed team code quality and delivery

Portfolio Website – [Portfolio](#)

- ✓ Built a fully responsive, accessible portfolio showcasing projects and expertise
- ✓ Optimized for performance and accessibility

Open Source Testing Setup – [GitHub](#)

- ✓ Created comprehensive testing infrastructure with Jest, Cypress, and GitHub Actions
- ✓ Built reusable testing utilities and automated CI/CD workflows for open source projects

Castle Adventure Game – [GitHub](#)

- ✓ Developed interactive gameplay with puzzles and inventory mechanics (JavaScript, OOP)

Star Wars Trivia Quiz – [GitHub](#)

✓ Built a structured quiz system with randomised questions and scoring (JavaScript, Tailwind CSS)

Rolling Caesar Cipher – [GitHub](#)

✓ Created a real-time cryptographic encoding and decoding tool (JavaScript)

Education & Training

- The Developer Academy – Full-Stack Development Bootcamp
- Hertfordshire University, Hatfield – Level 4 Diploma in Model Design
- West Herts College, Watford – BTEC Level 3 in Film
- Level 2 Diploma in Digital & IT Skills – Gateway Qualifications

Experience & Transferable Skills

- Prop Modeler (House of the Dragon, Cats): Attention to detail, structured problem-solving
- Admissions Host (Warner Bros. Studio Tour): User engagement, communication
- Creative Media Skills Course (Pinewood Studios): Design thinking, project delivery

Technical Interests

- Full-Stack & AI Product Development | Prompt Engineering | Rapid Prototyping | Product-Led Growth | Team Collaboration