Ian Jackson

(214)-536-1960 | ianj60184@gmail.com | ianjackson.vercel.app | www.linkedin.com/in/ian-jackson-b67b39288

Education

Bachelor Of Science, Computer Science   Denton, TX
University of North Texas   May 2026
Relevant Coursework:
- CSCE 4350 – Fundamentals of Database Systems | *Relational Database Management, PostgreSQL*
- CSCE 3444 – Software Engineering | *Agile Methodologies, Waterfall, Project Management*
- CSCE 2110 – Foundations of Data Structures | *Time and Space Complexity, Optimization, Algorithms*

Technical Skills

Languages: Java, C#, Go, Python, Bash, C/C++, Rust, PostgreSQL, TypeScript
Frameworks: ASP.NET, Spring Boot, React, Angular, Express
Tools/Platforms: Git, Docker, Postman, AWS, Azure, VirtualBox

Experience

Software Engineer Intern   Wilmington, NC
nCino Inc.   May 2025 – Dec 2025
- Participated in the full Software Development Lifecycle using Agile Methodologies and Atlassian Cloud
- Developed REST APIs using AWS API Gateway, Postman
- Developed full stack applications using Angular, Typescript, Salesforce, AWS S3 and DynamoDB
- Utilized GitHub Actions and AWS to manage CI/CD pipelines and automated testing

Webmaster   Denton, TX
HackUNT 2024   Jun 2024 - Aug 2024
- Developed the frontend of UNT's annual hackathon website using React TS, improving user interface and experience
- Constructed a responsive website for 250+ anticipated users utilizing React TS and Tailwind CSS
- Collaborated with graphic designers and webmasters to ensure cohesive design and functionality, resulting in a visually appealing and user-friendly website

Projects

JSON Web Token Web Server   Apr 2025
- Designed and implemented a RESTful API in Go to generate and issue JSON Web Tokens (JWTs) upon successful API authentication
- Integrated an SQLite database to securely store serialized keys in PKCS1 PEM format
- Utilized AES encryption techniques to safeguard private keys and enhance security
- Developed and deployed a time-window rate limiter to prevent abuse and ensure system reliability
- Established detailed request logging for the authentication endpoint to improve monitoring and debugging

Real-Time Chat Application   Apr 2024
- Developed a real-time chat application that allows users to send and receive messages instantly.
- Implemented user authentication using Firebase Authentication, enabling secure login and registration.
- Utilized Cloud Firestore for real-time data synchronization and storage of chat messages.
- Designed a responsive and user-friendly interface with Tailwind CSS and React JS, ensuring a seamless user experience across devices.

National Society of Black Engineers Hackathon   Oct 2023
- Developed an interactive chatbot using Chat GPT to provide real-time responses to user queries.
- Designed the front-end interface with HTML and CSS, ensuring a clean and user-friendly layout.
- Implemented the back-end logic in Python to handle user inputs and integrate with the Chat GPT API