

ZACHARIAH LEONARD

Software Engineer

DFW, TX | (972) 804-9666 | zachariah.s.leonard@gmail.com | zachariahleonard.com

Fullstack engineer with 9+ years of experience across React, Node.js, JavaScript, and Python. Track record delivering production systems at scale, from enterprise platforms at Microsoft and Fortress to cross-platform mobile apps with 20,000+ users.

Technical Skills

Languages: JavaScript, TypeScript, Python, C#, SQL, Ruby, PHP, HTML, CSS

Frontend: React, Next.js, HTML/CSS, Ionic, Capacitor, Angular, responsive design

Backend: Node.js, Express, GraphQL, REST APIs, WordPress/PHP, microservices

Databases: MongoDB, PostgreSQL, SQL, AWS S3, Parse

DevOps & Tools: Git, GitHub, Docker, Azure DevOps, CI/CD, Heroku, Linux, Jira, Agile/Scrum

Testing: Selenium, Playwright, Puppeteer, Mocha, Pytest, TDD, test automation

AI & Automation: LLM API integration (Claude, OpenAI), prompt engineering, AI-driven code generation, Python scripting

Experience

Freelance Software Engineer

June 2024 – Present

- Built Python automation pipelines using the Claude API to clean and validate datasets, replacing manual QA
- Developed LLM-powered tooling for code generation and review, integrating local and cloud AI models via REST APIs
- Performed SQL database migrations between WordPress systems, migrating 10,000+ records with zero data loss
- Migrating a legacy 20-year-old Ruby reporting system to a new server environment, preserving business-critical report logic

Team Lead / Fullstack Engineer (Contract)

Microsoft (via Hi-Tech Talents) | *April 2026 – June 2026*

- Resolved production bugs in Microsoft Purview using C# and TypeScript, contributing to platform stability
- Led a team of 3 engineers, delivering weekly status reports and managing ticket prioritization

Fullstack Engineer

Fortress Information Security | *September 2021 – June 2024*

- Built and maintained A2V, a React/TypeScript platform with Node.js/Express backend for managing and selling vendor security reports, serving hundreds of enterprise customers
- Developed Postern, a static HTML report generator using Nunjucks and Node.js, automating a previously manual report creation workflow
- Modernized legacy data upload pipelines using Python, Jupyter Notebook, and AWS S3, reducing upload errors and eliminating manual processing for the sales team

Fullstack Engineer

Gate Sentry | *Dec 2019 – September 2021*

- Led development and deployment of two cross-platform mobile apps (Ionic, Capacitor, React), migrating from legacy Angular/Cordova and growing to 20,000+ users worldwide
- Upgraded legacy infrastructure including Parse-CMS, Heroku, and PHP services, improving system reliability and reducing recurring downtime
- Led support engineering team troubleshooting hardware, software, and network issues for hundreds of customers

Developer Support Engineer (Contract)

Microsoft (via Collabera) | *Dec 2018 – Jan 2020*

- Led development of Gauntlet, an automated regression testing platform for Microsoft Edge using Selenium and C#
- Built a web-based workflow editor (JavaScript) for Edgie, an internal support bot, improving first-call resolution rates
- Triaged and resolved Microsoft Edge API issues in Azure DevOps and built Selenium automations (Java, C#)

Intern/Junior Fullstack Engineer

Logistics Plus | *May 2017 – December 2018*

- Refactored EShipPlus, an internal employee management web app (C#), to support desktop and mobile platforms, reducing user-reported errors
- Automated Skype-to-Skype for Business contact migration, eliminating manual data entry and reducing migration time

Education & Certifications

B.S. Computer Science, PennWest Edinboro University

CompTIA A+

2026 | Microsoft Azure AZ-900

2018 | A.S. Computer Science

2019