

Zakary Rowton

Software Engineer

Summary

Midwest City, Oklahoma 73110
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Github: [@ZakRowton](#)

Personal Websites:

- <https://rowtondevelopment.com>
- <https://fuseintelligence.org>
- <https://resonatebiblestudy.com>

Relevant Skills

Versatile Software Engineer with 6+ years of experience architecting full-stack web applications, automated data pipelines, and cloud-hosted AI solutions. Proven expertise across the entire software development life cycle.

- Languages: C#, C++, Python, SQL, JavaScript, PHP, HTML5, CSS3, Java, Visual Basic, jQuery
- AI & Machine Learning: Integration (ChatGPT, Gemini), Cloud AI, Agentic Development, RAG Applications
- Platforms & Tools: Azure, SSIS, Power BI, Git, Visual Studio, VS Code, Laravel, Docker, React, Next.js, npm, Shell

EXPERIENCE

Freelance Software Engineer | Remote

April 2026 – Present

- Architect and deploy custom AI solutions, RAG pipelines, and full-stack web applications for private clients and emerging startups.
- Assisted a startup in building and integrating a cloud-hosted AI harness backed by a decentralized storage layer for persistent long-term AI memory, knowledge retrieval, and agent skill sets.
- Engineered a Private AI Notetaker and transcription engine featuring local audio processing, automated summary pipelines, and direct API endpoints.
- Designed and built an interactive AI Bible Study generator, integrating advanced contextual prompting and structured JSON outputs for tailored study plans.
- Delivered multiple custom client websites featuring responsive design, high performance, and automated content generation workflows.

Concierge Third Party Administrator | Oklahoma City, OK

Software Developer | October 2024 – April 2026

- Engineered and maintained complex ETL payroll processing engines using C#, C++, Python, and advanced T-SQL stored procedures.

- Design, authored, and deployed automated SSIS packages to manage large-scale multi-source data transformations.
- Integrated AI capabilities into legacy ETL processes, significantly increasing data transformation accuracy and operational speed.
- Built custom automated service applications in Azure Cloud virtual machine environments to streamline internal workflows.
- Created and managed dynamic executive dashboards in Power BI to deliver deep operational insights.
- Integrated third-party APIs to extend core application functionality and ensure high data integrity across client payroll imports.

Beals Cunningham | Oklahoma City, OK

Senior Backend Web Developer | March 2023 - October 2024

- Developed backend web applications, custom PHP solutions, and standalone Laravel projects for John Deere dealerships.
- Architected end-to-end e-commerce features allowing dealers to manage inventory and display new and used equipment online.
- Integrated third-party web services and REST APIs, including Stripe, Elavon, ShipEngine, QuickBooks, and Google Analytics.
- Collaborated directly with business stakeholders to translate custom specifications into scalable frontend and backend code.

nTact | Dallas, TX

Software Engineer / Controls Lead | April 2019 - January 2023

- Developed .NET C# Windows Forms software for automated slot-die coating and automated hexapod leveling systems.
- Programmed 6-axis Stäubli industrial robots using C++ for precision tool positioning and robotic trajectory control.
- Designed micro-controller logic (Arduino, ESP, Raspberry Pi) and integrated serial/industrial protocols, including Modbus RTU and Modbus TCP.
- Managed Linux systems and interpreted physical wiring diagrams to diagnose device communication issues.
- Engineered control logic for Mitsubishi and Siemens PLC systems and Galil Motion Controllers, while managing precision motion control applications involving servos and various sensor arrays.

Education & Awards

Oklahoma Baptist University / B.S. Computer Information Systems

MARCH 2018, SHAWNEE, OK

- NAIA National Champion & Record Holder, NAIA Diver of the Year (2015).
- Rocky Mountain Conference Male Diver of the Year (2017).

Louisiana State University / B.S. Software Engineering Studies

2013, BATON ROUGE, LA

- All-American Qualifier & SEC Championship Finalist in Diving.

References

Joshua Wright | Senior Software Engineer | Concierge | (405) 421-8041 | joshua@ctpa.com

Jason Cotton | Lead Web Developer | Beals Cunningham | (405) 474-4850 | jasonc@bealscunningham.com

Renita Murimi | Professor of Computer Information Systems | Oklahoma Baptist University | (405) 585-5363 | renita.murimi@okbu.edu