

Paul Brackney

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Software Engineer

My passions as an engineer are excellent user satisfaction, continuous learning, and mentoring others. Currently, I'm building software used by 5 bankers' banks and 1,500 community banks across the US. These systems move billions of dollars every year in secure wire transfers and impact the lives of thousands of Americans every single day. Some of the technologies and languages I've used include C#, ASP.NET Core, JavaScript, SQL, React.js, and PHP.

Experience

MARCH 2025 - PRESENT

The Bankers Bank, Oklahoma City – Senior Software Developer

- Implemented database concurrency checks which significantly reduced duplicate wire transactions, saving the company \$100K+ annually
- Optimized message queue processing by batching retrievals (10 at a time instead of all at once), reducing processing delays and improving system stability
- Improved dashboard performance by redesigning EF core queries, enabling the system to handle a 10x larger load

DECEMBER 2022 - DECEMBER 2024

Paycom, Oklahoma City – Software Developer

- Reengineered the database schema for sales team hierarchies with global expansion in mind, helping Paycom to launch in 4 new countries and unlock \$100M+ of new market opportunity
- Refined stored procedures by introducing CTEs, optimized joins, and precise filtering, reducing ETL runtimes by 20%
- Mentored 3 new developers by teaching them about the system, framework, and processes

AUGUST 2021 - DECEMBER 2022

Paycom, Oklahoma City – Quality Assurance Analyst

- Manual software testing while I went back to school for computer science
- Practiced my SQL skills, networked with developers, and read as much enterprise code as I could

Education

AUGUST 2021 - DECEMBER 2023

Oklahoma State University – B.S. in Computer Science

AUGUST 2018 - MAY 2021

University of Oklahoma – B.S. in Mathematics, Minors in Economics and Spanish