

# GENE BRYCE MCWHIRTER

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## SENIOR SOFTWARE ENGINEER

Experienced Software Engineer with hands-on experience designing, developing, and deploying software solutions. Expertise in both front-end and back-end technologies, adept at collaborating with cross-functional teams to engineer high-quality code and drive test-driven development initiatives. Proven track record of leveraging Agile methodologies to streamline development processes and meet project milestones.

### KEY SKILLS

Software Development Lifecycle (SDLC) • Project Management • Full-Stack Development • Product Development  
Test Driven Development (TDD) • Continuous Integration/Continuous Delivery (CI/CD) • Cloud Native Architecture  
Databases • Information Security • Data Architecture • Object Oriented Development • Application Development

**Technology:** Java, JavaScript, PHP, Junit, PHPUnit, MySQL, React.JS, SpringBoot, C, C++, Python, Splunk, Docker, Atlassian Products, Gitlab, GitHub, AI, ML, Microsoft Office Suite

### PROFESSIONAL EXPERIENCE

**PAYCOME SOFTWARE INC.** • Irving, TX

June 2023-Present

#### Senior Software Engineer

Quickly promoted to develop scalable and performant software solutions for clients, leveraging agile development methodologies. Create high-quality and reusable code while resolving critical issues. Build intuitive and thoughtful user experiences. Engineer batch processes and integrate data pipelines to automate workflow and optimize efficiency. Partner cross-functionally to optimize designs, code quality, and testing.

- Designed and implemented Custom Converters, tailored solutions that generate reports aligned with diverse client requirements, enhancing data visualization and analysis capabilities.
- Serve as technical advisor to clients, uncovering unique data requirements and optimal reporting structures, fostering effective communication and ensuring alignment with technical solutions.

**WALMART** • Bentonville, AR

May 2022-Aug 2022

#### Product Management Intern

Managed product development projects to boost operational efficiency and performance. Facilitated high stakes meetings with internal and external stakeholders, uncovering opportunities and mitigating risks.

- Played a pivotal role in transitioning the entire company to digital price tags, working collaboratively with the Next Gen Product team.
- Recommended actionable insights into the future of retail (next 50 years), presenting to C-Level executives at Sam's Club to highlight comprehensive research findings on emerging trends.

### EDUCATION

**Bachelor of Science in Computer Science** • Minor in Entrepreneurship & Corporate Innovation • Baylor University • 2023

### SELECT PROJECTS

**ELAN Extension:** Architected an extension for the ELAN video software, leveraging machine learning to accurately track hand positions, revolutionizing sign language interpretation and enhancing accessibility within the community.

**UCan.Do.It:** Developed a customized Internet Protocol, integrating testing framework and Java Socket Libraries to enhance functionality and performance.

**FoodTruck Finder:** Designed and engineered a web application enabling users to save and rate food trucks.