

# Dillon Fayas

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## Summary

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Hardworking and detail-oriented B.S. Software Engineering student at the Milwaukee School of Engineering with over five years of programming experience. Proven ability to deliver full-stack solutions through contract work and personal projects. Skills in application development, database design, and version control. Passionate about continuous learning and problem-solving.

## Education

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**B.S. Software Engineering** | Milwaukee School of Engineering | GPA: 3.2 | May 2028

## Technical Skills

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**Programming Languages:** JavaScript, HTML, CSS, Lua, Java, C, Python, SQL

**Tools and Environments:** Visual Studio Code, Webstorm, Cursor, IntelliJ, Android Studio, Git

**Productivity Platforms:** GitHub, GitLab, Agile Methodologies, Trello, Google Workspace, Microsoft Office

## Project Experience

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**Unit Pricing Database (Software Contract):** Developed a database solution to streamline material pricing estimation for a construction company, replacing manual processes with an automated system accessible through Microsoft SharePoint.

- Designed database schema and implemented using SharePoint lists and JSON storage
- Created custom SharePoint frontend using SharePoint Webparts for user access
- Reduced pricing lookup time and improved estimate accuracy for bidding process
- Adapted quickly to unfamiliar Microsoft SharePoint development environment

**E-Commerce System for Game Engine Assets (Personal Project):** Designed and developed a full-stack e-commerce platform through Roblox enabling customers to browse, purchase, and download game engine assets created by a development team. Project began in 2020 and is still ongoing.

- Built product catalog, checkout flow, account management portal, and digital asset delivery system
- Developed backend API for transaction handling
- Successfully launched platform handling transactions while iterating based on user feedback

**Android Wear OS App for Milwaukee Tool (MSOE Project, Team of 3):** Collaborated with a team to develop a Wear OS application to track trade worker health metrics as specified by a Milwaukee Tool representative, focusing on worker productivity and safety features.

- Developed Wear OS application using Android Studio and Kotlin/Java with health tracking
- Used Git and GitLab for version control and followed Agile methodology with sprint planning and code reviews
- Delivered functional prototype meeting client requirements on schedule

## Work History

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**Contractor** | Dering Pierson Group | Jul 2025 - Present | 20 hrs per week

- Designed, developed, and deployed material price tracking software
- Built program in test environment, then integrated into Microsoft SharePoint
- Coordinated with representatives from the company to ensure the product met standards

**Store Associate** | Kwik Trip | Dec 2023 - Jan 2026 | 35 hrs per week