Damian Jankowski
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[LinkedIn](#) [Portfolio](#)

SUMMARY
Full-stack software engineer with experience building secure government and commercial applications.

EDUCATION
University of Michigan, Ann Arbor, MI Sept 2018 — May 2022 College of Literature, Science, and the Arts
Bachelor of Computer Science with a Minor in Biology
GPA: 3.43/4.0
Related Courses: Elementary Programming Concepts (EECS 183), Discrete Mathematics (EECS 203), Programming and Introductory Data Structures (EECS 280), Data Structures and Algorithms (EECS 281), Computer Organization (EECS 370), Foundations of Computer Science (EECS 376), Introduction to Computer Security (EECS 388), Web Systems (EECS 485), Operating Systems (EECS 482), Introduction to Game Development (EECS 494)

TECHNICAL KNOWLEDGE
Languages: C++, C, Python, SQL, Javascript, Typescript, Java, C#, Ruby
Software: Visual Studio, VSCode, Unity, Git, JIRA, Docker, Postman
Frameworks: Flask, FastAPI, OpenAPI, React, Vue, Angular, Node.js
Databases: MySQL, PostgreSQL, MongoDB, DuckDB
Other: Agile/Scrum, REST APIs, Unit Testing, WSL, Cloud Deployment

PROJECTS
Search Engine (Python, SQL)
- Scraped Wikipedia articles into an inverted index based on TF – IDF and page rank. Concurrently computed user query results with the partitioned inverted index and returned the appropriate articles from a mySQL database.

Instagram Clone (Python, Javascript, SQL)
- Created a full stack web app that mirrored Instagram functionality

Assembler and Simulator (C)
- Built an assembler that takes the assembly code (in the LC2K instruction set) and translates it into machine code.
- Built a simulator which took the previously assembled machine code and ran it on simulated registers

Dynamically Mapped Database (C++)
- Implemented a dynamic database which could be presorted to custom mappings for faster search times

WORK EXPERIENCE
Web Developer, Midwestern Citizen, Ann Arbor, MI Apr 2021 – Jul 2021
- Automated article creation by implementing a dynamic article template.
- Reduced site editor workload and increased efficiency when adding articles.

Sales Manager, University of Michigan Tech Shop, Ann Arbor, MI June 2021 – June 2022
- Managed a team of sales consultants and assisted in managing daily operations at the Tech Shop.
- Closely collaborated with systems personnel to debug inventory discrepancies in the online inventory system.

Software Engineer, Soar Technology, Ann Arbor, MI Nov 2022 – Present
- Contributed to multiple government-funded projects as a full-stack developer, working across backend services, frontend UI, and data pipelines.
- Developed secure web applications with React and FastAPI, integrating authentication and access control.
- Optimized database queries and API endpoints, improving performance for high-volume data workloads.
- Collaborated with cross-functional teams, writing maintainable, testable code under strict project requirements.