

Jakob C. French

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[Jakob French - LinkedIn](#)
[Jakob French - Portfolio](#)
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EDUCATION

University of Alabama, Tuscaloosa AL | August 2019 - May 2023

Bachelor of Science in Management Information Systems

Certifications: AWS Certified Cloud Practitioner, CS50 Programming with Python - HarvardX

SKILLS

Programming Languages: Java, JavaScript, Python, C#, C++, SQL (PostgreSQL & Microsoft Systems), HTML, CSS

Data Technologies: Data migration, Data integration, Data privacy compliance, & Encryption

Frameworks & Tools: React, Git, GitHub, Agile, & System Integration Testing/Unit Testing

Business Strengths: Requirements gathering, solution demonstrations, cross functional collaboration, client facing technical support

EXPERIENCE

Fast Enterprises, Denver CO – *Full-Stack Software Developer* | August 2023 - June 2025

- Partnered with state agencies to deliver enterprise software solutions for a Child Support application, gathering requirements and designing technical solutions aligned with client business goals.
- Drove full-stack development of enterprise software solutions for the Child Support application using object-oriented principles in C#, contributing to the design, implementation, and delivery of core functionality in alignment with client requirements within an Agile development lifecycle.
- Co-developed “Archie,” an AI-powered chatbot to improve customer support for Child Support users.
- Wrote and optimized SQL queries for backend data processing, ensuring high performance and reliability across large-scale data operations through web requests.
- Implemented data governance standards by reconfiguring sensitive data handling by standardizing tokenization and encryption methods for Social Security Numbers to maintain strict privacy compliance.
- Lead efforts in System Integration Testing (SIT) & Unit Testing to validate end-to-end functionality, identify defects, and ensure smooth system performance across modules.
- Identified and resolved more errors/bugs than all other developers combined during the testing phase, establishing a reputation as the team’s most effective bug finder.

Kirkland & Ellis, Chicago IL – *Knowledge Services and IT Intern* | June 2022 - August 2022

- Supported firm-wide transition from legacy 2013 software systems to updated 2019 operating systems, improving overall performance.
- Partnered with the IT department to build internal database request forms with front-end tools to streamline firm-wide data access.
- Provided detailed business and legal research for litigation teams using various analytical tools and data sources.

Max Digital, Chicago IL – *Digital Project Intern* | May 2021 - August 2021

- Cleaned and restructured 2,000+ dealership datasets in Excel and Google Sheets modernizing data workflows for approximately 500 car dealerships in the Chicago land area.
- Played a key role in cleaning, restructuring, and modernizing the company’s outdated data systems.

PROJECTS

Professor & TA Scheduling System | React, JavaScript, HTML, CSS, SQL

- Rebuilt the University of Alabama’s College of Business scheduling system for professors and TAs, leading requirements gathering with faculty to capture needs and improvements. Delivered a prototype with enhanced calendar functionality that reduced scheduling conflicts and reduced manual administrative work.

Portfolio Website | JavaScript, HTML, CSS

- Developed and deployed a personal portfolio website featuring responsive design, GitHub integration, and automated CI/CD pipelines using GitHub Actions, ensuring seamless updates and a modern, mobile-friendly user experience.

HONORS & ACTIVITIES

Founder of Non-Profit - \$125 for 100, Kevin Caines Award, National Merit Scholarship Recipient, President’s List, Dean’s List, & AIMS (Alabama Information Management Society)