

Gavin Jakubik

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EXPERIENCE	<p>iCapital Associate. Analyst</p> <p>Summer 2022 - Present (Winter 2023 - present) (Summer 2022 - Winter 2023)</p> <ul style="list-style-type: none">Architected and implemented a full-stack asset management system, transforming manual client branding processes into an automated admin tool, reducing deployment time from weeks to minutesLed development of unified authentication module supporting dual IDP integration, enabling seamless migration of users from two distinct platformsSpearheaded UI development for education portal, successfully launching to pilot clients and establishing foundation for platform integration strategyMentored senior contract developers and served as primary technical point of contact for education portal infrastructureCollaborated with senior engineering team to implement micro-frontend architecture <p>Direct Managers: Ross Holland • romiholland@gmail.com (At a new company, free to contact)</p> <p>Recipi https://recipi.mom</p> <p>Winter 2023</p> <ul style="list-style-type: none">Built full-stack recipe management platform using Next.js, utilizing the benefits of server-side rendering and AI for users to store, revisit, and discover recipes in a simple yet elegant UIMigrated from MySQL to PostgreSQL while maintaining data integrity and user experienceImplemented performant server-side features using Next.js App Router and Server ActionsIntegrated ChatGPT API for intelligent recipe extraction from various media formatsDeployed and maintained production environment using Vercel, DrizzleORM, and NeonIntegrated React-Query, React Hook Form, and shadcn/ui for a sleek and performant frontend <p>Misinformation Early Warning System (MEWS) Frontend Developer</p> <p>Fall 2021</p> <ul style="list-style-type: none">Standardized UI components and established consistent design system across the siteEngineered visualization system for ML image classification data, handling thousands of concurrent data points with imagesLeveraged technologies such Recoil, Emotion, and visx to make complex visualizationsWork presented at NeurIPS 2021, a leading machine learning conference. <p>Research Professor: Tim Weninger • tweninger@nd.edu</p> <p>Rocket Mortgage Software Engineering Intern, Remote</p> <p>Summer 2021</p> <ul style="list-style-type: none">Implemented soft credit check feature enabling bankers to rapidly assess client eligibility without impacting credit scoresQuickly adapted to legacy technology stack to deliver production features within first sprintCollaborated with cross-functional teams to integrate new feature into existing credit workflow <p>Team Leader: JJ Jenkins • jjjenkins@rocketmortgage.com</p> <p>Notable Projects GitHub</p> <ul style="list-style-type: none">Created a multi-node distributed chess engine that beats a single-node version of itself.Developed after-school ride tracking system streamlining student pickup coordinationCreated multiplayer Wordle clone with terminal UI using ncurses and websockets
EDUCATION	<p>University of Notre Dame BS in Computer Science</p> <p>Class of 2022</p>
SKILLS	<p>Proficient: React, Typescript, Next js, Javascript, TailwindCSS, SQL Familiar: Python, Java, Scala, C, Swift,</p>