WON LEE

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EDUCATION

PURDUE UNIVERSITY   **West Lafayette, IN**
Bachelor of Science in Web Programming and Design   *Graduated: December 2019*

PROJECTS

AI Chat PDF Editor
- Developed a groundbreaking SaaS application, leveraging NextJS 13.4, DrizzleORM, OpenAI, Stripe, TypeScript, Tailwind, and Vercel, aimed at seamlessly integrating PDF functionality into a chat application.
- Implemented direct database access for fetching data in server react components without API, optimizing performance.
- Empowered users to effortlessly convert uploaded PDF files into text format and engage in conversations with ChatGPT regarding the content of the PDF.
- Implemented a robust subscription model using Stripe for payments, ensuring secure transactions and seamless access to premium features.

AI Image Editor
- Developed a multifaceted image editing platform using React/Next.js, leveraging OpenAI APIs for various image manipulation tasks including background removal, transformation, and recoloring.
- Integrated Clerk Authentication supporting multiple login methods such as Email, Google, and Social Logins, prioritizing user convenience and security.
- Integrated a free tier with API limiting to cater to users with varying needs.

RELEVANT EXPERIENCE

POCKAPP GAMES   **Remote**
Freelance Game Developer   *May 2016 – May 2019*
- Founded a mobile application startup and spearheaded project leadership.
- Developed 30 mobile games using Unity Game Engine and C#, resulting in 50,000 installs with a 0.3 CPI and 48% daily active user retention.
- Designed system architecture and implemented core gameplay features.
- Analyzed user analytics data to optimize performance, rectify errors, and resolve bugs.

RIFLE AND PISTOL CLUB   **West Lafayette, IN**
Freelance Web Developer   *January 2019 – April 2019*
- Collaborated with clients, offering technological consultation and guidance.
- Developed a business website incorporating HTML, CSS, JS, PHP, and MySQL.
- Integrated admin CMS, login/signup, authentication, gallery, Google Maps API, and mailing functionality.

REPUBLIC OF KOREA ARMY   **South Korea**
Information System Operation/Maintenance   *November 2020 – May 2022*
- Cleansed and analyzed thousands of datasets in a database
- Developed application and database for a search engine that allowed internal teams to search internal documentation and triage customer issues
- Developed a library software with login and signup, user authentication, searching, book recommendation, rating system, and rental system features

TECHNICAL SKILLS

Front-end:	HTML5, CSS, Sass, JavaScript, Bootstrap, Tailwind, React, Redux, Typescript, NextJS, React Query, Zustand, Shadcn
Backend:	PHP, WordPress, NodeJS, ExpressJS
Game Development:	C#, Unity
Database:	MongoDB, MySQL, Firebase, Graphql
Others:	Docker, CI/CD, Supabase, Firebase, DrizzleORM, Prisma, Java, C, GIT, Python, Game Analytics, Facebook Analytics, Data Visualization (D3.js), OpenAI