William Kim

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EDUCATION

University of Pittsburgh   **Pittsburgh, PA**
Bachelor of Science in Computer Science   *August 2021 – April 2024*

Indiana University   **Bloomington, IN**
Coursework toward B.S. in Chemistry (Transferred)   *August 2019 – May 2021*
- Air Force ROTC Cadet, 2019-2020

PROFESSIONAL & TECHNICAL EXPERIENCE

Independent Developer   **Barrington, IL**
Software Engineer (Independent Projects)   *May 2023 – Present*
- Built and deployed multiple AI-powered web and mobile apps using Next.js, React, and GPT-4 APIs.
- Architected scalable cloud solutions (Supabase, AWS) with real-time authentication, data, and analytics.
- Engineered mobile-first, accessible UIs with dark mode, voice, and keyboard navigation.

Athletico Physical Therapy   **Barrington, IL / Lake Zurich, IL**
Physical Therapy Aide   *September 2020 – August 2021; October 2024 – Present*
- Assisted therapists with patient setups, safety protocols, and treatment efficiency.
- Developed communication and coordination skills in a clinical setting.

TECHNICAL PROJECTS

CJ Reflecta – *React Native, Expo, GPT-4, AsyncStorage (In Development)*
AI-powered mobile app for guided self-reflection and mental wellness
- Built an AI-powered journaling app with real-time GPT-4 feedback and guided self-reflection features.
- Integrated secure local storage, mood tracking, and daily insights for emotional wellness.
- Developed modular "AI Mirror" conversation modes to personalize user experience.

GhostTab – *JavaScript, Chrome API*
Chrome extension to reduce tab clutter and boost digital focus
- Developed and published a Chrome extension to reduce tab clutter and improve digital focus.
- Implemented session history tracking, usage analytics, and dynamic UI alerts.
- Utilized local storage and custom visual cues to encourage mindful browsing habits.

ExplainAnything.ai – *Next.js, GPT-4, Supabase, Tailwind CSS*
AI text simplification platform for students, professionals, and multilingual users
- Created an AI-powered text simplification platform with ELI5 summaries for complex topics.
- Supported tone adjustment, multiple GPT models, and multilingual output for diverse users.
- Integrated voice-to-text input and real-time feedback in a responsive, dark-mode-ready UI.

SKILLS & TOOLS

Languages: Python, JavaScript, TypeScript, SQL, Java, C++, HTML/CSS, Bash, R, MIPS
Data & Analysis Tools: Pandas, NumPy, Matplotlib, Seaborn, MySQL, Power BI, Tableau, Excel, Jupyter Notebook
Frameworks & Tools: React, Next.js, Tailwind CSS, Tkinter, Flask, Chrome Extensions
Developer Tools & Platforms: GitHub, VSCode, APIs, WordPress, Firebase, Supabase, Vercel, ChatGPT
Cloud & Enterprise Platforms: AWS, Azure, Google Cloud (GCP), Salesforce, SAP
Certifications: AWS Databricks Platform Architect, Generative AI Fundamentals

INTERESTS

Fitness Enthusiast: National-level gymnast; trains daily at 4 AM – proven discipline and endurance under pressure