CONLEY TJAHJONO

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WORK EXPERIENCE

Frontend Engineer, Software Developer | Bank of New York   February 2022 – Present

- Led iterative, user-centered design sessions using **Figma**, and developed responsive, accessible web applications with **Angular** and **TypeScript**, reducing stakeholder manual work by **50%.**
- Created a Figma style guide and **SASS/CSS Storybook** component library for **fintech** platforms.
- Optimized frontend code coverage quality from **5% to 60%** by writing **Jasmine**/**Karma** unit tests.
- Collaborated with cross-functional teams composed of designers, back-end engineers, and product owners in **Agile Scrum** sprints to deliver real-time financial data dashboards for **1000+ employees**.

Frontend Engineer, Software Developer Intern | Bank of New York   June 2021 – August 2021

- Engineered a web app with Angular to streamline product governance workflows, improving data readability and version control.
- Integrated **RESTful APIs** to dynamically display tiered user data, resolving data verification issues.

PROJECTS

Dress My Style | AI Powered Closet Management & Outfit Recommendation

- Built an **AI-powered**, web application to enable users to digitally manage their wardrobe and receive personalized, weather-aware outfit suggestions
- Developed responsive UI components using **React**, **Next.js**, and **TailwindCSS**, backed by **Supabase** for authentication, media uploads, and relational data management with PostgreSQL
- Implemented intelligent AI features by integrating image-based auto-tagging for wardrobe items and generating real-time outfit recommendations using **OpenWeatherMap** and **OpenAI's GPT-4o**
- Designed the entire UI/UX in **Figma** and used **Cursor** as an AI pair programmer to rapidly prototype, debug, and ship clean, scalable **TypeScript** code

Student Goal Progress Tracker | Indiana School for the Deaf (ISD), Purdue University

- Architected a full-stack web app using **React**, **Node.js**, and **MongoDB** to digitize student progress tracking, replacing manual processes and roughly saving 8+ hours per week for educators.
- Designed **WCAG-compliant** UX/UI mockups with **Adobe XD**, ensuring positive user experience.
- Deployed via **Heroku** and implemented **Microsoft OAuth 2.0** secure user authentication.

EDUCATION

Purdue University   *West Lafayette, IN*
Major: Bachelor of Science: Industrial Engineering
Minor: **Computer Science**, *Certificate:* **Applications in Data Science**

SKILLS

Frontend: React, Next.js, Angular, TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS/SASS, Tailwind CSS, Bootstrap, Material UI, Responsive Design, Storybooks, WCAG Accessibility, Redux
Testing: Jest, Jasmine, Karma, Cypress, Unit/Integration Testing
Tools: Figma, Adobe XD, Git, GitHub, Docker, Webpack, CI/CD Pipelines (GitHub Actions)
Backend/Cloud: Python, Node.js, PHP, MySQL, MongoDB, Java, Supabase