

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.

Professional Freelance Video & VFX Editor July 2017 – Present

- Produced client-focused multimedia content (e.g., animations, video campaigns), driving **3M+** views through user engagement strategies and alignment with client objectives.
- Optimized brand growth through SEO data-driven strategies from user feedback and analytics.

PROJECTS

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.

Job Matching Portal | Purdue University

- Developed a dynamic employer-student matching job portal using **JavaScript**, **PHP**, and **MySQL**.
- Implemented responsive layouts with **Bootstrap**, achieving **95%** mobile compatibility.

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