Andy Chen

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WORK EXPERIENCE

Napster Corp. (formerly Infinite Reality)   Remote
Software Engineer   *Apr 2024 – Oct 2025*

- Optimized editor, file browser, and dashboard performance using React.memo, debouncing, lazy loading, pagination, and caching—reducing load time by 1.5s.
- Migrated UI from MUI to a modular Tailwind component library, improving consistency and development efficiency.
- Integrated an AI‑powered e‑commerce bot with Shopify, React, and Tailwind, incorporating 3D generative AI to enable one‑click 3D model generation for stores using Rodin.
- Achieved 90% test coverage and executed load tests simulating 10,000 concurrent users to ensure reliability and scalability.

Stakes   New York, NY
Full Stack Engineer   *May 2021 – Dec 2023*

- Developed a RESTful API with 120+ endpoints using Express, Node.js, Python, and PostgreSQL; contributed to a $5.3M seed funding round.
- Generated the company's first revenue stream by building and deploying collectible‑based features on Firebase's cloud infrastructure.
- Built a full‑stack admin portal supporting 2,000+ weekly active users, automating workflows, saving 5+ hours/day.
- Built an AI‑powered basketball simulation app with React and Firebase, using Cloud Functions, Cloud Storage, OpenAI API, and Metamask rewards to deliver 1,000+ real‑time AI matchups.

Gallery Media Group   New York, NY
Software Engineer Intern   *Jun 2019 – Aug 2019*

- Developed the company's first mobile app using React Native in an Agile environment.
- Collaborated with designers and developers to analyze requirements and deliver on schedule.

PROJECTS

DocuAI
TypeScript, Node.js, Express, React, PDF.js, WebSockets, GCP, OpenAI API, Docker, Storybook, Tailwind

- Built real‑time PDF rendering and annotation using PDF.js, WebSockets, and JWT for secure multi‑user collaboration.
- Implemented signed URL delivery, role‑based access, and AI‑assisted document editing using the OpenAI API and Google Cloud Platform.
- Designed modular UI components with Storybook and Tailwind to streamline development and improve reusability.
- Deployed the full stack on Google Cloud Platform using serverless hosting, Supabase PostgreSQL, Cloud Storage, and automated CI/CD pipelines.

EDUCATION

Brooklyn College, Brooklyn, NY — BS in Computer Science

SKILLS

Languages: JavaScript, TypeScript, SQL, Python, Java
Frontend: React, Tailwind, HTML/CSS, Redux, Storybook
Backend/Infra: Node.js, Express, PostgreSQL, Flask, Docker, Firebase, GCP
Testing/Tools: Jest, Mocha, Git, Segment, k6