

Kiara Vong

Front-End Engineer & Storyteller

kiara-v.github.io/uiux-portfolio →

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Work Experience

Capital One • Software Engineer

Aug 2024 – Present • McLean, VA

- **Resource View:** built and shipped a React/TypeScript resource-inventory platform from the ground up, owning research, Figma design, and rollout. Gave every engineering team a **complete view of their AWS footprint** for the first time, replacing a partial one.
- **Resource State Timeline:** designed the UX and built the React frontend for a time-scaled compliance timeline (color-coded event track, filterable table, live status chip), plus the **GraphQL API endpoint** feeding it from the org's autonomous governance system, so engineers can trace a resource's full state history in **about 10 seconds**.
- **UI Consistency Redesign:** led a **231-file, 12,600-line** overhaul unifying the entire interface of a site across 12+ pages: a central MUI theme with shared design tokens and reusable components (tables, filters, buttons, status and empty states) so every screen draws from one system. Shipped as a **24-PR series** with tests so nothing broke.

Capital One • Software Engineer Intern

Jun 2023 – Aug 2023 • Cambridge, MA

- Stood up a cloud-native AWS EC2 environment that externalized a core platform's backup services, speeding up backups and cutting infrastructure cost.
- Built a serverless Spark ETL pipeline on AWS Lambda that spun up EMR clusters on demand to aggregate data into S3.

Colgate-Palmolive • UI/UX Intern

Sep 2022 – Dec 2022 • Remote

- Built three internal full-stack tools on OutSystems for the Compensation, Learning, and People Acquisition teams, automating manual HR workflows.

Extracurriculars

Yearbook • Editor-in-Chief

Brown University • Jostens Look Book feature

- Led design, layout, and editorial direction for the yearbook, with the result featured in the national Jostens Look Book.
- Trained 30+ students in photography, interviewing, and copywriting to ship on deadline.

CloudXcellence Culture Committee • Team Representative

2024 – Present • Capital One

- Curate team highlights for the org-wide culture newsletter, keeping a distributed team connected.

Education

Brown University

Sep 2020 – May 2024 • Providence, RI

B.S. Computer Science (GPA: 4.0)

Projects

UI/UX Case Study Portfolio

kiara-v.github.io/uiux-portfolio →

- Built and deployed a React/TypeScript site turning UX research and case studies into full product redesigns.

Animal Crossing Scene Generator

kiara-v.github.io/animal-crossing →

- Built a procedural 3D scene generator using the Wave Function Collapse algorithm, with Blender-modeled tiles and interactive rotation.

Hotdog – Not Hotdog

bit.ly/hotdog-not-hotdog →

- Trained a VGG16 neural network to classify images at 94% accuracy, shipped behind a Flask web app.

Skills

TECHNIQUES • Wireframing, Prototyping, Interaction Design, Visual Design, Illustration, User Interviews, Personas, Journey Mapping, Storyboarding

TOOLS • Figma, Fresco, Photoshop, InDesign, Blender, Canva, Material UI

PROGRAMMING • HTML/CSS, JavaScript, React, Java, Python, Node.js, AWS, GraphQL, REST APIs

Certifications

AWS Certified Solutions Architect