

GURKIRT HEEREY

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WORK EXPERIENCE

TRYCADDI (AI automation startup streamlining business workflows) Seattle, WA
Senior Software Engineer Mar 2025 – Present

- Sole front-end engineer partnering directly with the founding team to own architecture and technical roadmap across the full product
- Built **60+ feature pages and components** using **React Hook Form, Yup validation, and Recharts dashboards**, giving customers real-time visibility into automation performance
- Established testing suite with **Jest, Playwright** and **React Testing Library**, achieving an 80% reduction in production bugs
- Refactored **10 upstream API calls into a single endpoint** using **goroutines** for concurrent execution, reducing client-side network requests and simplifying the frontend data-fetching layer
- Architected a **component design system** from scratch, standardizing visual language and reusable UI patterns across the product, **cutting feature UI build time** and **enforcing visual consistency** across 60+ pages

LINQTO (Fintech platform for private market investments) San Jose, CA
Senior Software Engineer June 2021 – Mar 2025

- Led the greenfield development of Linqto's internal CRM using **React, Next.js, TypeScript, Redux, TailwindCSS and React-Query**, replacing manual reporting with real-time acquisition dashboards for the sales team
- Spearheaded a full **Next.js** migration introducing **SSR and code-splitting** across a 25+ page consumer platform, improving page performance and SEO
- Developed **80+ features** across **React** and **React Native** apps using a **shared design system** and **reusable component architecture**, increasing sprint velocity by **30%** and ticket completion by **45%**
- Revamped the Invest page UX, directly driving a **25% increase in sales conversion** and a **30% drop in bounce rates**
- Integrated Plaid for KYC and accreditation flows and maintained Jest + GitHub Actions CI pipeline at **88% test coverage**, reducing regression bugs by **60%**

NOVO TECHNOLOGIES (Consultancy for healthcare companies) Modesto, CA
Software Engineer Aug 2019 – June 2021

- Collaborated with back-end developers and UX designers to deliver cross-browser front-end features across 4 web applications using **React** and **Ember.js**
- Built a React SPA integrated with Google Maps API, enabling **200+ customers** to track transport progress in real time
- Designed and tested **20+ REST API endpoints in C#**

PERSONAL PROJECTS

Punjabi Song Translator | Next.js, Tailwind CSS, Claude API, Whisper API, Supabase

- Created a full-stack web app for learning Punjabi through song lyrics, supporting three scripts (Gurmukhi, Shahmukhi, romanized) with line-by-line translation and romanization powered by Claude API
- Designed a multi-source lyrics pipeline integrating Genius API, YouTube captions extraction, and OpenAI Whisper API as sequential fallbacks, **keeping per-translation API costs under \$0.03**

TECHNICAL SKILLS

Front-End: JavaScript (ES6), TypeScript, React, React Native, Next.js, Redux, Zustand, Tailwind CSS, Material UI, Styled Components, SASS, shadcn/ui, Expo

Back-End: Go, Node.js, Express, Python, GraphQL, RESTful APIs, AWS, Postgres, SQL, MongoDB

Testing & Tools: Jest, React Testing Library, Git, GitHub, Storybook, Plaid, Mixpanel, Launchdarkly, Webpack, Vite, CI/CD

EDUCATION

UNIVERSITY OF THE PACIFIC: Bachelor of Science, Computer Science

May 2019