

Douglas William Perez

Full Stack Engineer

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TECHNICAL SKILLS

Front End: React, React Native, Redux, MobX, Next.js, Gatsby, JavaScript, TypeScript, jQuery, HTML, CSS, SCSS, Three.js.

Back End: Node, Express, Python, FastAPI, DynamoDB, MongoDB, Nginx, Postgres, MySQL, Redis, GraphQL, REST APIs.

DevOps & Testing: AWS EC2, S3, Lambda, Amplify, Git, React Testing Library, Enzyme, Selenium WebDriver, Jest, K6.

WORK EXPERIENCE

Software Developer | [Rackspace Technology](#) | San Antonio, Texas | React, JavaScript, AWS 11/2022 - Present

- Led front-end development of the ICE generative AI App, defining the tech stack (**React, TypeScript**), managing timelines, and delivering core features like chat functionality, API integrations, and mobile responsiveness.
- Made substantial contributions to Rackspace's cloud management **React** app, which provides a centralized view of the customer's resources for private cloud, public cloud and dedicated accounts.
- Extensively worked with **React Testing Library** and **Jest**. Also **API Gateway**, **Lambda** and **DynamoDB**.
- Lead Front End Developer for cutting-edge generative **AI chatbot** tailored for C-Suite executives.
- Developed a company-wide design system using **Storybook**, featuring customized reusable **React** components.
- Conducted comprehensive A/B tests via **Datadog** to quantitatively evaluate and then implement new UIs.

Front End Developer | [Trivie, Inc.](#) | Dallas, Texas | React Native, TypeScript, MobX, Jest, K6 07/2021 - 08/2022

- **Startup** focused on employee workforce training through **AI**, cognitive science techniques and **gamification**.
- Clients include Fortune 500 companies/organizations: GE, AARP, McDonald's, Subway and Anheuser-Busch.
- I implemented new features and cleared hundreds of bugs in our Trivie **React Native mobile** and **web app**.
- Built-out user **React Native** App and Dashboard (**React**), providing comprehensive stats on user performance.
- Responsible for all E2E testing via **Selenium**, load testing via **K6**, and used **Jest** for unit and integration tests.
- Directed and facilitated sprint planning, retros and stand-ups for our contractor software developers.

Freelance Software Engineer | [Portfolio](#) | [Github](#) | San Francisco, CA 11/2019 - 06/2021

- Built many freelance and passion projects: eLearning apps, a memorial site, and a full stack eCommerce store.
- **Technologies:** **React**, **React Native**, **Node**, Express, **FastAPI**, Gatsby, **Next.js**, **MongoDB**, **Postgres**, and **AWS**.
- Built **MERN stack** and **React Native** mobile apps using **React**, **Node**, **DynamoDB**, **Lambda** and **API Gateway**.
- [ESL MiniGames](#) - Educational app designed to keep students engaged and mentally active during the transition to remote learning. A self-directed passion project built with **JavaScript**, **HTML**, **CSS**, **Axios** and **Git**.

CERTIFICATIONS

- **AWS** | Certified AI Practitioner - Early Adopter | Reno, NV 12/22/2024
- **Microsoft** | Azure AI Fundamentals | Reno, NV 12/28/2024
- **AWS** | Certified Solutions Architect - Associate | Reno, NV 04/27/2023
- **AWS** | Certified Cloud Practitioner | Reno, NV 10/03/2022

EDUCATION

Hack Reactor | Advanced Software Engineering Immersive | San Francisco, CA 11/2020 - 02/2021

- Successfully completed the highly selective and rigorous 12-week full stack engineering immersive.
- Over 800 hours of Computer Science and JavaScript curriculum modeled on the software engineering industry.

University of California, Berkeley | BA in Political Science | Berkeley, CA 08/2009 - 12/2014

- Recipient of the prestigious merit-based **Leadership Award Scholarship**.

PERSONAL

- Personal interests include tech, reading, video games, fitness, finance, political economy and world travel.
- Co-organizer of the [Reno Developers Meetup](#), gave presentations on **Next.js**, **Babylon.js**, and **DynamoDB**.