

Harjit Singh

singh.harjit09@gmail.com • (530) 329-2118 • [LinkedIn](#) • [GitHub](#) • [Portfolio](#)

SKILLS & TECHNOLOGIES

Python, JavaScript, Ruby, React, Redux, Node, HTML, CSS, Tailwind CSS, Ruby on Rails, SQL, PostgreSQL, MySQL, SQLite3, ActiveRecord, MongoDB, Mongoose, Express.js, Webpack, Git, AWS, Google Maps API, TDD, RSpec, Capybara, Playwright, Jest, JIRA, Canva, Google Workspace, NationBuilder (CRM), Autodesk Inventor, Microsoft 365, Slack, Asana, WordPress, Render, Vercel

ENGINEERING PROJECTS

Fairbnb - A full-stack clone of Airbnb that allows users to search, reserve, and review listings

[Live](#) | [GitHub](#)

Technologies: Ruby on Rails, JavaScript, PostgreSQL, React, Redux, AWS, HTML, CSS

- Structured data using the Ruby on Rails backend framework and queried PostgreSQL database using ActiveRecord ORM
- Implemented RESTful routes to improve the API's scalability and maintainability, resulting in faster response times
- Designed reusable React components; implemented Redux for global state, improving UI responsiveness
- Integrated AWS S3 with Airbnb to utilize scalable cloud storage and dynamically render images of listings
- Leveraged Google Maps API to render interactive maps for each listing, giving users valuable property insights

Adopt-a-Dog - A frontend application enabling users to search for shelter dogs and be matched with one to adopt

[Live](#) | [GitHub](#)

Technologies: JavaScript, React, HTML, Tailwind CSS, Vercel

- Created a visual library of thousands of shelter dogs by properly fetching data through the Fetch Rewards API
- Implemented sorting and filtering functionality to allow users to quickly find & favorite dogs that meet their preferences
- Developed frontend view through React and a consistent design theme through Tailwind CSS

PROFESSIONAL EXPERIENCE

Grant Street Group

Pittsburgh, PA

Business Analyst

February 2024 – Present

- Collaborated with clients and multiple stakeholders to develop a payment-accepting kiosk. Wrote backend API specifications enabling third-party kiosk software to integrate with our payment gateway.
- Scoped and led HTML template updates for PCI-compliant receipts across multiple client environments
- Managed JIRA sprints to push tickets into production that fix bugs and optimize software performance
- Performed database modifications using MySQL to update client information and internal records

Jakara Movement

Sacramento, CA

Director of People | Community Organizer

February 2018 – February 2023

- Consolidated 5 HR processes (hiring, onboarding, performance reviews, time sheets, PTO) into 1 HRIS platform (BambooHR) which reduced HR costs by ~30% and doubled efficiency
- Analyzed data from NationBuilder (CRM) using Excel to report individual and organizational metrics during QBRs for 52 staff members, which led to a 50% increase in individual & team goal completion
- Organized 20+ events, including mental health conferences with 200+ annual attendance, by creating content, marketing, fundraising, forming partnerships, booking venues, and coordinating logistics with key stakeholders

Teach for America - Transit Tech High School

Brooklyn, NY

Science Teacher

September 2014 – September 2017

- Introduced a new engineering curriculum to high schools to increase technical exposure and competency of students
- Led students to achieve 80% overall standards mastery of the Introduction to Engineering Design curriculum

EDUCATION

App Academy, New York, NY

June 2023

Full-Stack Software Engineering Immersive Program

Relay Graduate School of Education, New York, NY

June 2016

Master of Arts (MA) in Education, Emphasis in Science Education

University of California, Berkeley, Berkeley, CA

December 2013

Bachelor of Arts (BA) in Astrophysics and Geophysics

Honors: Gates Millennium Scholar, Dell Scholar, Dean's Honors