

Harjit Singh

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SKILLS & TECHNOLOGIES

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, SQL, PostgreSQL, SQLite3, ActiveRecord, MongoDB, Mongoose, Node.js, Express.js, Webpack, Git, AWS, Google Maps API, TDD, OOP, Canva, Google Workspace, NationBuilder (CRM), Autodesk Inventor

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
- Managed frontend view and state through React and Redux, resulting in a responsive and efficient user interface
- Integrated AWS with Fairbnb to dynamically render images of listings, enhancing the overall user experience
- Designed an intuitive and visually appealing website structure with CSS styling properties like flexbox

street_lite - A full-stack application enabling users to explore open street events, markets, and festivals in NYC

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

Technologies: MongoDB, JavaScript, Express.js, React, Redux, Node.js, HTML, CSS

- Integrated NYC Open Data API with Google Maps API, making it easier for users to discover local events
- Managed backend framework with Express.js + Node.js, while storing user and API data efficiently in MongoDB
- Utilized React and Redux to manage frontend view and state, resulting in a seamless user experience
- Successfully collaborated with a team of 3 engineers using Git and pull request workflow, minimizing merge conflicts

PROFESSIONAL EXPERIENCE

JAKARA MOVEMENT

Sacramento, CA

Director of People

January 2020 – February 2023

- Led and developed a team of 52 employees in 20+ cities to organize seminars and events that educate ~150k Californians
- Consolidated 5 HR processes (hiring, onboarding, performance reviews, time sheets, PTO) into 1 HRIS platform (BambooHR) which reduced HR costs by ~30% and more than doubled efficiency
- Analyzed data from NationBuilder (CRM) and various social media outlets to report individual and organizational metrics during QBRs, which led to a 50% increase in individual & team goal completion
- Reduced average project-completion time and SLAs by 40% by training managers, strengthening communication, and introducing project management tools (Asana, Google Sheets, Slack)

Events Coordinator & Community Organizer

February 2018 – January 2020

- Recruited and developed 700+ youth leaders to create a leadership pipeline in the Sacramento region
- Organized 20+ events by creating content, marketing, fundraising, forming partnerships, booking venues, and coordinating logistics with key stakeholders—raising awareness among 150k+ youth
- Built partnerships with 30+ NGOs to develop and advocate for local & statewide policies around social justice issues

TEACH FOR AMERICA - TRANSIT TECH HIGH SCHOOL

Brooklyn, NY

Science Teacher

September 2014 – September 2017

- Introduced a new engineering curriculum to the school to increase technical exposure and competency of students
- Led students to achieve 80% overall standards mastery of the Introduction to Engineering Design curriculum
- Improved the school's 12th grade graduation rate by 17% by introducing math programs & attendance trackers

LAWRENCE BERKELEY NATIONAL LABORATORY

Berkeley, CA

Research Assistant

April 2012 – March 2013

- Utilized C++ and ROOT to analyze Ge-76 detector data, leading to insights into neutrinoless double-beta decay
- Designed and established a quality control setup for evaluating electronics chains in germanium detectors

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's in Education, Emphasis in Science Education

UNIVERSITY OF CALIFORNIA, BERKELEY, Berkeley, CA

December 2013

Bachelor of Arts in Astrophysics and Geophysics

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