

# Harjit Singh

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## SKILLS & TECHNOLOGIES

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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

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**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
- Managed frontend view and state through React and Redux, resulting in a responsive and intuitive user interface (UI)
- Integrated AWS S3 with Fairbnb to utilize scalable cloud storage and dynamically render images of listings, enhancing the overall user experience and decreasing local storage by 25%
- Leveraged Google Maps API to render interactive maps for each listing, giving users valuable insights into property surroundings, enhancing their decision-making process when making reservations

**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*

- Synthesized NYC Open Data API with Google Maps API, making it easier for users to discover local events
- Handled 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 by instantly updating the webpage after user interaction and quickly communicating with the backend
- Successfully collaborated with a team of 3 engineers using Git and pull request workflow, minimizing merge conflicts

## PROFESSIONAL EXPERIENCE

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### 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 700+ youth leaders through social media campaigns and in-person tabling to create a leadership pipeline in the Sacramento region, training and developing youth to advocate for local & statewide policies around social justice issues
- 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 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

## EDUCATION

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**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