

# Harpreet Singh

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## Software Engineer

As a Software Engineer with a strong background in sales, I possess a unique blend of analytical, technical, and client relationship acumen. My expertise in navigating complex financial data combined with my sales-driven mindset enables me to address coding challenges with a strategic and systematic approach, ensuring optimized and impactful solutions. Proficient in Javascript, Python, and diverse databases, I easily adapt to diverse technical landscapes and collaborate effectively with cross-disciplinary teams. My commitment to ongoing growth within software engineering is anchored by a client-centric philosophy, ensuring tailored solutions that resonate with each client's distinct needs.

## TECHNICAL & INTERPERSONAL SKILLS

**Languages:** Python, JavaScript, Ruby, HTML, CSS, SQL, Typescript, EJS

**Libraries and Frameworks:** React, Express.js, Django, Rails, Jquery, Bootstrap, Semantic

**Databases and other:** PostgreSQL, MongoDB, RESTful Routing, JSON API

**Interpersonal skills:** Problem Solving, Effective Communicator, Team Collaboration, Adaptable

## TECHNICAL PROJECTS

**Tipsy Traveler - HTML | Javascript | Bootstrap | Ruby on Rails | React.js | Postgresql** **October 2023**

*An app that allows users to explore various locations and discover the best bars and drinks in their city.*

- Implemented collaborative data management allowing users to actively contribute by editing, adding, and removing locations.
- Designed an intuitive user interface which enables users to explore and uncover the best bars in their area.
- Collaborated with designers to translate concepts into functional interfaces for a visually appealing interface.

**Bon Voyage - HTML | Javascript | CSS | SASS | Express.js | React.js | MongoDB** **August 2023**

*Your personalized digital companion to streamline and enhance your travel aspirations.*

- Collaborated with a cross-functional team to design, develop, and launch a user-centric application.
- Implemented robust authentication protocols, ensuring secure user data management and protection against unauthorized access.
- Optimized app performance and user experience through iterative testing and feedback, resulting in increased user retention.

**Weathernaut - Javascript | HTML5 | CSS | Openweather API** **June 2023**

*Gathers real time weather data and alerts*

- Deployed current and future weather based on your city
- Implemented a NASA API that results the picture of the day from the web
- Designed a horoscope widget which gets your reading for the day

## EXPERIENCE

**Mortgage Broker/Loan Officer | Allied Mortgage Group Inc | Hicksville, NY** **07/2020 - Present**

- Implemented a mortgage tracking system for automated follow ups to current and previous clients, which led to a 25% increase in productivity for fellow mortgage brokers.
- Spearheaded a service which allows clients to receive better rates, increasing client retention by 50% and an increase in new clients by 25%, during a time of especially high rates.
- Modernized our client experience by automating emails and updates throughout their mortgage process.

**Supervisor | Stony Brook University Hospital | Stony Brook, NY**

**05/2017 - 07/2020**

- Improved client experience by troubleshooting and resolving technical issues with computers & machines, ensuring seamless operation and minimizing downtime.
- Developed comprehensive training materials and conducted hands-on sessions to familiarize new hires with computer systems and software applications.
- Monitored trainees' performance and conducted assessments to ensure competence with using computers and machines

## **EDUCATION**

**General Assembly Software Engineering Immersive** | Remote | Certificate of Completion

**Oct 2023**

420+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies.

**Stony Brook University**, BS in Business Management

**Stony Brook, New York, 2020**