

# ANEET SAHOTA

## SOFTWARE ENGINEER

With a B.S. in Microbiology/Biomedical Laboratory Science and extensive collaboration with healthcare professionals. I bring a strong interpersonal, scientific and analytical foundation and a keen innovative perspective to software development. Alongside a fluent understanding of MERN, JavaScript syntax and software engineering certificate from Parsity. I am currently advancing my skills with Python and an IBM Data Analysis certification from DVC.

## TECHNICAL PROJECTS

### The Greenthumb App

- Sole developer of "greenthumb.app," created to help busy plant enthusiasts. Utilizing a centralized personal plant profile online to gain access to important plant information from the available online resources and APIs.
- Harness data, using it for their own personal plants, in order to achieve organization and information retrieval for plantcare.
- Sensor Data tab will be integrated with live data feed from sensors to keep track and send alerts for any specific plant for proper and accurate monitoring.

### Yoga Sutras and Dynamic Exercise App

- Aimed to create a App that incorporates Yoga, Strength Training, Cardio, Calisthenics in a systematic method that shocks the body with random and different workouts in an algorithmically way that doesn't repeat itself linearly.
- custom.json formatted API data with various different yoga sutras and integrated pictures seeded into mongoDB using mongo Atlas

### Tradelocker® Personal Customized Trading Journal

- data from the Tradelocker web app is siphoned from the API on trade executions and delivered in JSON, using a developer JWT token
- logging execution data and extrapolating it in various graphs with charts.js to gauge accuracy, precision and patterns, including equity curves and relational analysis of killzones and pairs.
- Also making customized buttons for trading market prices of pairs

## WORK HISTORY

### **Founding Software Engineer**

*LeSavantDon / San Francisco, CA / January 2025 - Current*

Designing and developing my personal brand/ interface for leisure. Inspired to have a platform for creatives in fashion design, textile design, automobile design, furniture design, and architecture catalogs, with a focus on minimalistic, efficient, and immersive aesthetics.

#### Front-End Development

- Integrating interactive 3D visualization features using **Three.js** for showcasing product models and architectural blueprints.
- Ensuring responsive, accessible design standards across a variety of devices and browsers.
- Implementing complex filtering, sorting, and search functionalities to enhance user experience in browsing and discovering design assets.
- Developing custom branding elements (e.g., logos, color schemes, imagery) and ensuring a cohesive visual identity across the platform.

#### Back-End Development

- Architecting and maintaining scalable **Node.js/Express.js** APIs to handle dynamic queries, user authentication, and data management.
- Designing optimized **MongoDB** database schemas to support products, user profiles, and design assets.
- Implementing secure file upload systems for custom assets like logos, images, and 3D models, ensuring optimization for web performance.
- Handling integration of external services such as **payment gateways** for transactions and **cloud storage** for large design files.

### **Draftsman**

*Subcontracting for Civil Engineers / San Pablo, CA, CA / January 2021 - June 2023*

- Partnered with contractors and engineers, utilizing AutoCAD and applied mathematics to draft various schematics for the approval of a wide variety of counties in the SF Bay Area, CA.

### **Emergency Medical Technician/ Telemetry Technician**

*Alameda Health System / San Leandro, CA / August 2018 - January 2022*

- Delivered critical emergency care and collaborated doctors & healthcare personals.
- Diagnosed, oversaw and resolved technical issues relating to telemetry devices and systems

## CONTACT

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🔗 <https://github.com/lesavantdon>

## SKILLS

### Front-End

- JavaScript
- React/Redux
- Backbone
- HTML/CSS
- Bootstrap

### Backend

- Node.js
- Express
- Mongo/Mongoose
- SQL

### Tools/Methodologies

- Atlas
- Postman
- Agile Methodology
- Pair programming
- Remote work
- Test Driven Development
- Jest/Mocha/Chai
- Authentication
- Git
- Mac/Windows Terminal Testing
- Swagger Documentation
- AWS Cloud Services & Computing
- Typescript

## EDUCATION

### **Certificate**

IBM Data Analysis Cert I + II  
D.V.C.

### **Certificate**

Full Stack Web Development  
Parsity Software Engineering School

### **Bachelor of Science**

Microbiology/ Biomedical Laboratory Science  
California State University, East Bay

## ACCOMPLISHMENTS

- Academic Excellence @ D.V.C. Organic and General Chemistry Classes
- Dean's List LMC