Sukhpal Singh

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EDUCATION

University of California, Davis   **June 2027**
Computer Science
- **GPA: 3.5/4.0** (University Honors Program)
- Frequent member of the Punjabi community with Bhangra teams and student clubs (SSA, UCD Punjabis, JDD)

EXPERIENCE

Freelance Frontend Developer   **December 2024 - Present**
Self Employed   *Fresno, CA*
- Built websites for local businesses around Fresno in order to improve their customer service and digital marketing
- Leveraged CSS and HTML to implement clients' needs and hosted domains through NameCheap

Habitats for Humanity Restore   **Sep. 2021 – June 2023**
Customer Relations and Pricing Attendant   *Clovis, CA*
- Directed pricing processes for products and ensured transparent customer interactions
- Coordinated with clients to transport product from store to their residence

PROJECTS

Employee Management System | *MySQL, Java, HTML, ThymeLeaf, SpringBoot, IntelliJ IDEA*   **November 2024**
- Devised a **Full Stack CRUD** (Create, Read, Update, Delete) Management system for companies to administer employees
- Leveraged **Thymeleaf** as the templating engine for responsive server-side web page rendering
- Utilized a Dockerized **MySQL** database to store company data with ThymeLeaf acting as templating engine
- Implemented Spring Data JPA for database and management operations
- Built **RESTful API**s with **Spring Boot** to enable secure, modular, and extensible integration with external services and applications.

Breast Cancer Predictive Model | *Flask, Python, HTML, CSS, SciKit Learn*   **December 2024**
- Implemented a web-based tool to predict whether an individual is at risk for breast cancer
- Tested for breast cancer prediction using **machine learning** models including neural networks, K-nearest neighbors, random foresting, and logistic regression, and decided on **support vector machines** (SVM) with a **98.7%** accuracy rate
- Utilized **Pandas** to preprocess and clean dataset, and fine-tuned model proportions for optimal accuracy

Responsive Portfolio Website | *HTML, JavaScript, CSS*   **September 2024**
- Developed a fully responsive and deployable portfolio website, optimized for both desktop and mobile devices
- Implemented advanced web design techniques, including dynamic drop-down menus and seamless sliding screens to make a **visually appealing** product
- **Integrated links** to LinkedIn, GitHub, and additional contact platforms, providing a comprehensive professional profile for visitors

TECHNICAL SKILLS & CERTIFICATIONS

Citi ICG Technology Software Development on Forage   **December 2024**
Virtual Internship
- Leveraged Java to build an **internal tool visualizing stock market risk** in real time with Alpha Vantage API
- Researched potential machine learning systems to **assess credit risk** and provided recommendations for next steps and used Unified Modeling Language (UML) to create a model of a loan management system
- **Languages:** Java, Python, C/C++, HTML, CSS, JavaScript, SQL
- **Frameworks:** Flask, SpringBoot, React, Tkinter
- **Developer Tools:** Git, Docker, VS Code, ThymeLeaf, IntelliJ IDEA, Gradle, Kaggle