SUJI FALCON

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Technical Skills

- **Languages:** Javascript, Typescript, HTML, Tailwind, CSS, Bootstrap, Python, Java, C#, Bash
- **Frameworks and Libraries:** React, Next.js, Express.js, Node.js, Django, Flask, Firebase
- **Tools:** Git, Figma, Linux, Docker, MySQL, PostgreSQL, SQLite, MongoDB, AWS, JWT

Employment

Lead Instructor   **General Assembly**   **Jan 2023 – Present**

- Instructing for an intensive coding bootcamp with the preparation and delivery of lessons, creating and grading assignments, preparing materials, and leading group discussions.
- Taught students the essential practices of software engineering, emphasizing the foundations of **OOP** and **DSA**.

Systems Management   **Samsung**   **Oct 2021 – Sept 2022**

- Implemented robust IT security measures, including secure data storage, access controls, and vulnerability management, safeguarding core technologies, sensitive information, and critical **MySQL** databases, emphasizing data integrity and security.
- Contributed to IT strategy establishment, project management, architecture validation, and milestone monitoring, ensuring effective and timely project delivery with a disciplined approach to development, testing, and quality assurance.

Account Manager   **Verizon**   **July 2019 – Sept 2020**

- Directed a team of 20 sales associates, resulting in a 25% revenue growth.
- Managed the implementation of **iQmetrix** technology, prioritizing backend inventory management to streamline operations, optimize the product lifecycle, and enhance inventory tracking capabilities.
- Utilized data analytics provided by **iQmetrix** to identify sales trends, facilitating informed decision-making and maximizing sales performance.

Projects

We Got Food @ Home   *Deployed* | *Repo*

- Led a diverse team of 7 designers and engineers to develop a gamification app with full **CRUD** functionality, user-friendly interface, and secure data storage using **Firebase** for individual user accounts, **Figma**, **React**, and **GPT-4** for AI-driven recipe generation.
- Spearheaded ideation sessions, resulting in a functional app created within a 4-day hackathon timeframe. Implemented a complex algorithm to recommend recipes based on user's available ingredients, enhancing the app's utility and engagement.

Legendary Slayers   *Deployed* | *Repo*

- Led and managed a team of 5 developers in the full-stack development of a web application for League of Legends users, incorporating team search and building functionalities with full **CRUD** operations
- Utilized **MongoDB, Express.js, Node.js,** and **React** to deliver a seamless user experience and ensure efficient data management within the application.
- Implemented robust security measures with **JWT** and **Bcrypt** hashing, to ensure secure user authentication and protect sensitive data within the web application.

Education

Full Stack Development	**General Assembly	Hack Reactor**	**Mar 2022 – Dec 2022**
A.S. Computer Science	**Hillsborough Community College**	**May 2017 – July 2019**