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# SUJI FALCON

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## Education

Full Stack Development	General Assembly   Hack Reactor	Mar 2022 – Dec 2022
A.S. Computer Science	University of South Florida	May 2017 – July 2019

## Employment

Instructor's Associate	General Assembly	Jan 2023 – Present
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- Assisted instructors 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**.

IT Systems Management Associate	Samsung	Oct 2021 – Sept 2022
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- 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
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- 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	<a href="#"><u>Deployed</u></a> / <a href="#"><u>Repo</u></a>
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- 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	<a href="#"><u>Deployed</u></a> / <a href="#"><u>Repo</u></a>
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- 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 the **MERN** stack 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.

## Technical Skills

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