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Sanathkumar A Swamy

PERSONAL STATEMENT

A passionate and detail-oriented computer science graduate with a strong academic foundation and two years of professional experience as a software development engineer. Proficient in a wide range of programming languages and technologies, with a focus on **efficient and secure coding practices, effective interpersonal communication skills and building scalable & robust application** . Eager to leverage my problem solving skills to contribute to an innovative organization's growth and success.

SKILLS

Programming Languages: **(Expert) Python, Javascript (Intermediate) PHP, Structured Query Language (SQL), (beginner) C++**
Development Tools: **(Expert) React.js, (Intermediate) HTML, CSS, Node.js, Express.js, CodeIgniter, Django, Docker, Nginx, Microsoft Azure, Git, MongoDB, MySql, PostgreSQL, HTTP, RESTful API, Postgres, React and Redux, jquery**
Development Methodologies: **System Development Life Cycle, Agile, Jira, Git, Confluence**
Soft Skills: **Problem Solving, Collaboration, Communication, Proactivity**

EXPERIENCE

Co-Founder | Swamy&Co February 2023 - March 2024

- Acquired 2 clients from hospitality sector within the first six months of launching a consulting firm called Swamy&Co.
- Developing innovative solutions to address market needs or challenges faced by the clients. Implementing **efficient technologies to streamline operations** and drive growth for our clients.
- Collaborated with the clients to understand their challenges and devise a tailored solution. Utilized MERN stack and **Laravel** to build a **scalable and efficient system** capable of handling increased user demand.
- Implemented financial management features resulting in a 10% reduction in monthly losses for the clients.

Software Development Engineer | AMOG Consulting March 2022 – December 2022

[Smart Mooring Integrity Checker \(Single-page web application\)](#)

- Led the enhancement and implementation of features to the **highly scalable and responsive web application**.
- Achieved a 20% improvement in user experience and a 90% positive client rating.
- Integrated UI** with Azure Active Directory cloud services, **implementing Single Sign On (OAuth2.0 and OpenID) for secure client/user interaction**.
- Conducted rigorous static application security testing, addressing critical vulnerabilities and improving application security by 100%.
- Implemented comprehensive **unit testing strategies for diverse backend components of the application**, ensuring 100% code coverage through proficient utilization of **pytest (python automation)**.
- Collaborated in an **Agile** environment, developing features for the company’s performance management application using **CodeIgniter** (PHP) and MySQL (SQL).

Software Developer | Blue Square Tech Solutions December 2021 - March 2022

- Enhanced and implemented features for the company’s WordPress-based website, effectively utilizing **WordPress and React.js (Javascript)**.
- Designed and Developed a secure room booking platform** using **WordPress and Express.js (Javascript)**, customizing WordPress plugins based on client system requirements.
- Utilized strong interpersonal skills to communicate with clients, categorize customer issues using Jira Software, and devise effective solutions.
- Documented design and planning using Confluence to ensure project execution.

EDUCATION

The University of Melbourne | Master of Computer Science March 2020 – December 2021

- WAM – 74/100

Christ University | Bachelors of Technology in Computer Science June 2015 – May 2019

- GPA – 8.09/10

AWARDS & CERTIFICATES

- Award: [Melbourne School of Engineering Scholarship \[AUD\\$5000\]](#).
- Publication:Secure Bitcoin Transaction and IoT Device usage in Decentralized Application.