Sanathkumar A Swamy - Resume and Career Journey

Sanath's Career Journey: A Story

Sanathkumar A Swamy's journey into the world of computer science began unexpectedly during Year 12 when he found himself engrossed in building a website for a school assignment. Despite having average grades in other science subjects, his computer science marks stood out, igniting a passion for understanding the intricacies of programming languages such as JavaScript, HTML, CSS, and C++. This early curiosity, coupled with advice from elders, led him to pursue a Bachelor's degree in Computer Science at Christ University, a prestigious institution in India.

Throughout his undergraduate studies, Sanath dedicated himself to mastering challenging concepts in engineering mathematics and theoretical subjects like Database Management, Software Engineering, Data Structures, and Algorithms. His hard work paid off when, in his third year, he published a research paper titled "Secure Bitcoin Transaction and IoT Device Usage in Decentralized Application" and developed a smart door lock system using blockchain technology for his final year project.

Eager to stay on the cutting edge of technology, Sanath explored various frameworks and tools, including Laravel, Django, MongoDB, and ReactJS, often creating innovative projects like a smart stick for blind people, designed to help them navigate public places.

Upon graduating with a GPA of 8.09, Sanath began his professional career as a volunteer Data Analyst at BR & UD Trust, where he analyzed geospatial data to help rural communities access sustainable electricity and water. His work there involved using tools like Tableau,

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Map Box, Python, and JavaScript to clean and visualize data.

Sanath's academic journey continued when he received an offer with a scholarship from the University of Melbourne. There, he delved into subjects like software testing, web security, advanced database management, distributed computing, and machine learning. He completed his Master's degree with a research project on detecting deepfake videos and their impact on social media, earning a WAM of 74.

After his Master's, Sanath joined Blue Square Tech Solutions in Melbourne as a software developer. He quickly adapted to the fast-paced startup environment, fixing bugs, building front-end components, and creating secure room booking platforms using JavaScript, NextJS, WordPress, and MongoDB. His experience there honed his client-handling skills and deepened his understanding of the system development life cycle.

Sanath's next move was to AMOG Consulting, a prestigious consulting firm in Australia. As a Graduate Software Engineer, he worked on enhancing web applications, integrating security features, and developing new functionalities using ReactJS and Flask. His projects included creating multiple React components, Flask-RESTful APIs, and performing static application security testing, achieving 90% code coverage with Python-based unit tests.

In 2023, Sanath returned to India after spending over three years in Australia. After a brief career break to improve his coding skills in C++ and algorithms, he started working as a freelance software developer. He acquired clients in the hospitality sector, building full-stack applications and eventually co-founding Swamy&Co with his sibling to help small businesses improve their operations.

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Currently, Sanath is a Back-end Developer at KOIS AI, where he builds back-end applications using Node.js, Express.js, MongoDB, and AWS, and ensures comprehensive web application testing for functionality and security.

Throughout his career, Sanath has also earned several awards and certifications, including the Melbourne School of Engineering Scholarship (AUD$5000) and certifications like the Jira Fundamental Badge, Confluence Fundamental Badge, and Azure Fundamental Certification (AZ-900).

Today, Sanath is open for new opportunities, ready to bring his extensive knowledge and skills to a forward-thinking organization. His journey is a testament to his passion, continuous learning, and adaptability in the ever-evolving field of computer science. If you believe Sanath could be a good fit for your organization, please reach out to him at sanathkumar5671@gmail.com or call him at +61 432062190.