

## INTRODUCTION

**Full Stack Developer with 4+ years of experience** working with startups and enterprise teams, specializing in building scalable, high-performance web applications. Proficient in modern JavaScript/TypeScript frameworks (Angular, React, Vue.js), backend technologies (ASP.NET, Python, Laravel PHP, Java Spring Boot), and cloud infrastructure (Azure). Skilled in SQL and NoSQL databases (MongoDB), with solid grounding in data structures, algorithms, and custom OS development (Linux from Scratch).

**Strong communication and relationship management skills, backed by a deep understanding of client psychology**, set me apart from other developers. These strengths allow me to understand client needs beyond the technical specification, manage stakeholder expectations effectively, and build trust that leads to lasting satisfaction. Combined with my technical expertise, they enable me to bridge the gap between **complex engineering challenges and real business outcomes**.

My strong academic background in computer science and low-level programming enables me to quickly adapt to new technologies and deliver solutions that align with business goals. I bring hands-on experience in end-to-end software lifecycle, Git CI/CD, DevOps processes, and client collaboration, leading projects from concept to deployment.

**SKILLS:** Angular, React, VueJs, Spring Boot (Java), Maven, ASP.Net, C++, Assembly, Python, Laravel, Azure Infra, Git CI/CD, SQL and NoSQL (Mongo DB), Power Platform, Data Structures & Algorithms, Prompt Engineering, API Integration, Linux From Scratch OS (Masters Project).

## EDUCATION

**MSc in Advance Computer Science** | [Swansea University \(2023\)](#) | **Grade - 2:1** | Swansea, UK

**PGDM in Advance Computing** | [CDAC \(Centre for Development of Advanced Computing\)](#) | Bengaluru, INDIA

## WORK EXPERIENCE

**Full Stack Developer** @Agile Software Systems | [London/Remote](#) 11/2023 - Present

### Development

- Develop and maintain **full-stack web applications** using **Angular 18**, **.Net 8**, and **MongoDB**, hosted on **Azure Cloud**.
- Design and optimize complex product grids, as well as user, quotes, and orders lists — ensuring smooth UX, minimal load times, and efficient backend synchronization.
- Implement advanced features, including **Server-Side Rendering (SSR)**, **pre-rendering mechanism**, Complex Forms and validations.
- Write Python scripts to deliver custom data insights for clients.
- Migrate legacy Python code into **.Net 8** for improved performance and maintainability.
- Use Apache Cordova to export the prerendered web app into a production ready cross platform Mobile App.
- Design and implement backend functionalities to integrate with external services such as **MagiCut v12** and **Google APIs**.

### Solution Architecture & Project Management

- Collaborate directly with clients by conducting on-site visits to gather and analyse requirements.
- Plan and document project functionalities, secure client approval, and manage end-to-end development while following **strict self-imposed deadlines**.
- Work as a **Solution Architecture** and **Project Management** through hands-on planning of the current project features.

### Quality Assurance & Documentation

- Maintain high standards of **code quality and readability**.
- Write and maintain **Postman collections** for API documentation and create detailed **release notes** for smooth deployments and client communication.

### Deployment & Continuous Improvement

- Seamless deployments of applications, ensuring project goals are met effectively.
- Continuously research on how to modernize the tech stack and optimize workflows for better performance and scalability.

### Power Platform Development & Prompt Engineering

- Built an application for a UK based university client to automate their flow of reviewing student applications.
- Gathered client requirements and visualized workflows using Figma wireframes and flowcharts.
- Built low-code apps using Power Apps, Power Automate, Dataverse, and Azure AI Builder to automate multi-stage approval processes.
- Engineered AI-powered summarization using GPT models integrated into Power Automate for decision support.
- Managed data modeling within Dataverse to support dynamic form logic and workflow automation.
- Delivered training sessions and documentation to end users to support adoption and usability.
- Continuously iterated based on user feedback in alignment with Agile delivery cycles.

**Full Stack Developer @Prakat Solutions (OTCQB: DFCO "Dalrada") | Bangalore**

04/2020 - 07/2021

### Development

- Worked as a *Full-Stack Java Developer* and built/maintained multiple Patient-Monitoring Platforms using *VueJS – Java Springboot-Hibernate (Microservices) - Postgre SQL*.
- Developed Vue components for crucial features like Annual Wellness Visit forms, doctor listings, eligibility management, and user creation. Utilized Vue Router, Vuex, and Vue directives for seamless, reactive user interfaces.
- Utilized Springboot with Hibernate framework and Postgre SQL, adhering to Model-View-Controller (MVC) principles for robust application architecture.
- Backend was *usually* **Microservices** architecture. My backend role demanded me to develop Model and Controller components, establish communication between multiple services and then with front-end.
- Designed and optimized **RESTful APIs** to facilitate seamless data communication, enhancing the application's responsiveness and enabling dynamic user experiences.

### Quality Assurance & Documentation

- Embraced Test-Driven Development (**TDD**) principles throughout the development process using tools like **Maven** to ensure the reliability and stability of the codebase, fostering a culture of quality within the team.
- Conducted in-depth back-testing of REST APIs, identifying bottlenecks, and applying optimizations for smoother user interactions and faster data processing.
- Maintain database.
- Documented all aspects of my code and development work.

## **ACADEMIC PROJECTS**

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**'Linux from Scratch' OS for blockchain with C++ and Bash | Swansea University**

09/2022 - 12/2022

- Designed and built a custom operating system from scratch as a Master's project.
- Implemented a Linux from Scratch-based operating system that records transactions performed in a file system and ensures data integrity throughout the process, leveraging blockchain technology.
- Developed daemons in C++ and bash to handle various operations within the operating system, such as file management, process scheduling, and resource allocation.
- Modified several low-level Linux packages (Written in C) to serve the purpose of the project.