ABHISHEK SWAMY HANUWAL MATH
SOFTWARE DEVELOPMENT ENGINEER
Email: abhiswamy777@gmail.com | Phone:+91-9980222393

PROFILE

With a robust tech stack encompassing Python, React.js, React Native, TypeScript, HTML, CSS, and more, I specialize in crafting clean, secure, and scalable solutions across diverse technologies. Leveraging cloud platforms such as AWS, notably EC2 and S3, alongside agile methodologies like Scrum and SAFe, I excel in dynamic corporate environments. From startups to multinational corporations, I deliver exceptional results, utilizing tools like Salesforce to streamline project management and ensure timely delivery that exceeds expectations. With a focus on fintech enterprises, I prioritize user experience, deliver high-quality, secure code, and advocate for clean code practices to optimize client satisfaction and project success. Additionally, my adeptness in DevOps tools like CPQ and CRM further enhances my ability to drive efficiency and innovation in software development processes.

TECHNICAL AND ANALYTICAL SKILLS

- Python
- HTML/CSS
- JavaScript
- C/C++
- NodeJS
- MySQL / SQLite
- RESTful APIs

- React.js
- TypeScript
- React-native
- Java
- AWS: EC2, S3
- Agile/Scrum Methodologies
- GoLang

- Project Management
- Salesforce CRM
- IT Risk Management
- Salesforce Marketing Cloud
- Networking Protocols
- Cloud Security
- Problem-solving attitude

WORK EXPERIENCE

Software Developer, Topmate.io. Bengaluru.   Apr 2024 - Present

- Fintech Solutions and Product Development: Delivered high-quality, secure code in Python, React.js, and JavaScript, utilizing React Native for native applications, prioritizing user experience and robust product development.
- Agile Project Management: Streamlined project management using Scrum, SAFe, and Jira, ensuring timely delivery and continuous enhancements with Python, React.js, React Native, and JavaScript.
- Cybersecurity and Clean Code Advocacy: Stayed current with fintech trends, focusing on cybersecurity and promoting clean code practices to enhance client satisfaction and project success.

Technical Project Manager, Admiral PLC. Cardiff, United Kingdom.   Mar 2023 - Mar 2024

- Enhanced Admiral Blackbox: Utilized Python and Java to integrate state-of-the-art technologies for GDPR compliance and robustness, developed data compliance training programs, and managed projects using Jira, MS Project, and Salesforce Marketing Cloud to optimize workflows.
- Optimized Data Processing and Security: Implemented machine learning algorithms in Python, increasing data processing efficiency by 40% and enhancing platform performance. Initiated a cloud-based security solution with Python and Java, achieving zero data breaches and ensuring GDPR compliance.
- Risk Assessment and Embedded Systems Expertise: Designed a risk assessment framework, reducing vulnerabilities by 30% using Salesforce Marketing Cloud analytics. Specialized in embedded systems, configuring, testing, and debugging live embedded simulator testbeds for the Admiral Blackbox.

Lead Technical Architect, Admiral PLC. Cardiff, United Kingdom. Mar 2022 - Mar 2023

- Developed an advanced insurance pricing engine by integrating Salesforce CRM with AWS infrastructure using React.js, Apex Programming, and JavaScript. Implemented multithreaded processing, rigorous unit testing, and Git version control to optimize performance and ensure reliability.
- Enabled dynamic resource scaling on AWS EC2 to enhance cost efficiency and responsiveness, utilizing multithreaded operations for efficient computing resource management based on demand fluctuations.
- Utilized Amazon S3 for efficient storage and retrieval of pricing data, employing multithreaded file operations in JavaScript. Conducted comprehensive unit testing to maintain data integrity and accelerate quoting processes, with version-controlled development using Git ensuring seamless collaboration and code management.

Software Engineer, George Fox Technology Services, Hyderabad. Dec 2019 - Dec 2020

- Developed scalable e-commerce stores with React, PHP, and TypeScript, leveraging OOAD principles to enhance user experience and increase sales revenue.
- Engineered reusable frameworks in React and TypeScript using OOAD patterns (e.g., Factory Method, Observer), accelerating development and enhancing client satisfaction through seamless feature integration.
- Optimized website performance through OOAD-guided code diagnosis and refactoring, promptly resolving issues to boost traffic and lower bounce rates, ensuring an efficient user experience.

Software Developer, BroCorp, Bengaluru. Jan 2018 - Dec 2019

- Led development in Automation, Blockchain, and Gaming sectors, coding in Python, React.js, Java, and JavaScript. Utilized GTEST and test benches for robust code quality.
- Delivered tailored solutions vin Python, React.js, and JavaScript, fostering client relationships and expanding business reach.
- Ensured team performance and client acquisition with Python, React.js, and JavaScript, emphasizing rigorous testing with GTEST and testbenches for reliable outcomes.

Technical Team Member, Aura E-Cell. Jan 2016 - April 2018

- I interned at Aura Entrepreneurship Cell for Dayananda Sagar College of Engineering.
- Was part of a team that organized hackathons for computer science students.
- Our team proactively organized tech talks and workshops on behalf of Aura E-Cell.

EDUCATION

Masters in Information Technology and Management (MSc) Jan 2020 - Feb 2022
Cardiff Metropolitan University, Cardiff.

- Graduated with Distinction Honors. Specialization in CRM, Cybersecurity, Python Programming, and Cloud Technologies.
- Thesis on "Deep Web Crawling Techniques for Technical Students".

Bachelor of Technology in Computer Science (BTech) June 2013 - Nov 2017
Dayananda Sagar College Of Engineering, Bengaluru.

CERTIFICATIONS

- Google Cyber Security
- Agile Software Development : Scrum for Developers
- Using Python Databases
- Generative AI
- Learning Git and GitHub
- Python Data Structures
- Salesforce CRM
- Salesforce CPQ
- Microsoft 365 Copilot

ADDITIONAL INFORMATION

- **Proficient in the following languages:** English, Kannada, Hindi, Telugu.
- **LinkedIn URL:** https://www.linkedin.com/in/mr-robot-abhi/
- **Github URL:** https://github.com/mr-robot-abhi