

VIRAJ AMARASINGHE

SUMMARY

Mr. Viraj Amarasinghe is a multi-disciplinary expert specializing in web development, software solutions, digital marketing, and cybersecurity. With a proven track record of delivering growth-driven solutions, his expertise spans multiple industries, tackling complex technical challenges while enhancing digital presence and securing applications. His skills encompass software development, project management, cybersecurity consulting, and leadership across various technologies and frameworks.

As a cybersecurity consultant, Mr. Amarasinghe is adept at securing applications, implementing robust security measures, and providing guidance on threat management and vulnerability assessments. His comprehensive approach ensures that both digital growth and security are optimized for every project.

His specialties include:

- Cybersecurity: Securing applications, operating system hardening, threat & vulnerability management, network security, and data protection.
- Software: Vivado, Xilinx ISE, ISE Studio Suite, Virtuoso by Cadence, Visual Studio.
- Programming Languages: Python, C, C++, C#, Verilog, ARM processors, RISC-V.
- Operating Systems: Proficient in Windows, Mac OS, Linux with experience in system administration, security hardening, and managing secure environments.
- Frameworks: Jira & Agile Development, WordPress, React, Node.js, GitLab.
- Scripting: BASH, Python, Windows PowerShell, HTML, CSS, PHP.

EDUCATION

Bachelor of Science in Computer Engineering - University of South Florida, 2024

Associate Degree in Arts - Hillsborough Community College, 2020

PROFESSIONAL ASSOCIATIONS

- Member of IEEE (Institute of Electrical and Electronics Engineers)
- Member of SHPE (Society of Hispanic Professional Engineers)
- Member of NSBE (National Society of Black Engineers)
- Member of Tau Sigma National Honor Society
- Phi Theta Kappa (PTK) Honor Society – Alpha Beta Beta Chapter President
- Member of the National Society of Collegiate Scholars (NSCS)

CONTINUING EDUCATION

Additional Courses and Certifications completed in the following areas:

- Career Essentials in Cybersecurity (Microsoft & LinkedIn)
- Cybersecurity Foundations (LinkedIn)
- Advanced Google Analytics (Google)
- Growth-Driven Design (HubSpot Academy)
- SEO & Social Media Marketing (HubSpot Academy)
- Agile Project Management with Jira Cloud (LinkedIn)
- Programming Foundations: Databases (LinkedIn)

Additional Certifications in Cybersecurity, Digital Marketing, and Project Management, including specialized training in SEO, Agile Methodology, and Data Analytics.

CAREER HISTORY

Forcon International – Cybersecurity Consultant

- Conducts forensic investigation services relating to fields of cybersecurity, software development, and project management.

Sunny Media Marketing Solutions LLC dba Make IT Viral Media – Project Manager

- Developed comprehensive project plans, including timelines, milestones, and resource allocation, ensuring client satisfaction through the use of Jira for project management.
- Successfully led a diverse team to deliver over 90% of projects on time and within budget.

Sunshine Meditation Center – President

- Spearheaded fundraising efforts, raising over \$100,000, which enabled the purchase of a property and the development of the center from the ground up.
- Increased membership from 15 to 100 through effective leadership and community outreach.
- Boosted social media presence from 250 to 10,000 followers, significantly expanding the center's reach.

Tampa Bay Art and Education Network (TBAE) – Intern

- Edited videos, provided closed captioning, and directed various production elements including floor and technical direction.
- Scriptwriting for educational and artistic content.

Hillsborough Community College – Front Desk Assistant

- Assisted students with queries, prepared documents, and provided administrative support.

HIGHLIGHTED PROJECTS BY TYPES

Sultan & Raha Website Development (2024)

- Managed the redesign and development of a high-end bespoke suit website for Sultan & Raha, ensuring the site reflected the luxury and craftsmanship of the brand.
- Oversaw design, development, and optimization processes to enhance the user experience and increase customer engagement.

PPFG Chiropractor Project (2024)

- Led the creation and implementation of social media marketing strategies to promote chiropractic services for Primary Physicians Florida Group (PPFG), targeting acquisition of 100 clients per month.

Cybersecurity Management at Make It Viral Media (Ongoing)

- Managed security protocols for up to 7 devices at Make It Viral Media, including regular cybersecurity training and education for the team.
- Worked as a cybersecurity consultant for Make It Viral Media's clients, providing guidance on protecting devices, online profiles, and websites.

Portfolio Website Development – React, Vite, HTML, CSS (2024)

- Designed and developed a responsive personal portfolio website, integrating interactive elements and modern design features to enhance user engagement.
Portfolio Link: <https://portfolio.virajamarasinghe.com>

Gamification of Public Safety Reporting App Development – Python (2024)

- Developed a Python script to integrate vehicle detection capabilities into a public safety app, facilitating rapid and accurate vehicle recognition.
- Optimized the app for amber alert systems and added object detection features using a Faster R-CNN model.

FORCON INTERNATIONAL

Automated Text Extraction Tool Development – Python and Tesseract OCR (2024)

- Engineered an OCR tool using Python and Tesseract to automate text extraction from images, significantly reducing manual data entry and streamlining large dataset processing.

Hospital Renovation Project under the Book of Goodness Concept (2008)

- Led a voluntary community project to renovate a seven-building Ayurvedic hospital in Sri Lanka, involving extensive cleaning, painting, and fixing critical infrastructure.
- Successfully completed the project without initial funds by inspiring community participation, earning recognition from the Sri Lankan Ministry of Health.

Happy Green Project (2008)

- Launched a home gardening initiative, distributing seeds and organizing educational programs to promote organic food production.
- Established an organic farmers market, successfully fostering community engagement.

PRESENTATIONS AND SPEAKING ENGAGEMENTS

- Host, *Rise and Thrive Podcast* – MIV Podcast Channel (Hosts a podcast that interviews business owners, sharing their entrepreneurial journeys and insights).
- Author of *Poems from the Universe, Grounding Thoughts, and My Dream Girl*.
- Regular contributor of articles on cybersecurity and technology for the Make It Viral Media website blog and LinkedIn.