SUNIL BOOPALAN

Portfolio | sunilboopalan3@gmail.com | +91 9500616030 | GitHub | LinkedIn

EDUCATION

SRM Institute of Science and Technology, Chennai **Feb 2024 – Present**
Master of Computer Applications (MCA) GPA: 3.76/4

SRM Institute of Science and Technology, Ramapuram **Jul 2020 – Jun 2023**
Bachelor of Computer Applications (BCA) GPA: 3.36/4

PUBLICATIONS

- "Efficient and Precise CNN Based Machine Learning Method for Microwave Medical Imaging in Cancer Detection" IEEE ICIICS, Kalaburagi; published in IEEE Xplore, Nov 2024
- "Synergistic Solutions for Cloud Cybersecurity and Financial Operations using AI, Blockchain and Quantum Computing" IEEE CYBERCOM, Dehradun; published in IEEE Xplore, Nov 2024

WORK EXPERIENCE

Founder, ShotOK Tech Private Limited, Chennai, India **Jan 2025 – Present**

- **Led a cross-functional team** to define product strategy, design, and build the Shotok MVP using Figma, Flutter, Firebase, and Python; launched closed beta on Google Play and initiated iOS TestFlight testing for early user feedback
- **Developed core modules**, including profile matching, onboarding, in-app chat, e-agreements, and review system, ensuring transparency and trust; beta testing with **50+ users** provided actionable feedback for refining usability and functionality
- **Conceptualized AI-driven features** such as patent-pending Avatar Generation, Anti-Deepfake Token Signing, and developed a roadmap for verification (MCA, GST, Aadhaar), AI analytics, and escrow payments for **enhanced security and monetization**
- **Applied to top-tier accelerators** like IIMB-NSRCEL, Nasscom, and Y Combinator; advanced to final cohort selection stage, pitching innovative vision and MVP, and **contributing to India's INR 2,000+ Cr influencer marketing ecosystem**

Tata Communications Ltd / Novamesh Ltd, Chennai, India **Jun 2023 – Present**
Cloud & Cybersecurity Senior Engineer *Jul 2025 – Present*

- **Led the team's first Check Point firewall upgrade**, a critical system impacting multiple connected systems; standardized the migration workflow, creating a blueprint for **managing 15+ firewalls** supporting **100+ servers** and **~100,000 end-users**
- **Designed and executed automation workflows** using Ansible, cutting deployment time and operational effort by **~30%**, while leveraging AIOps for predictive monitoring and proactive incident response, contributing to **100% SLA compliance**
- Mentored 4 junior engineers and conducted knowledge-sharing sessions on topics including NAT, IPsec, AIOps (CloudFabrix), automation with Ansible, and IOC/IP-blocking automation using threat feeds, EDLs, and custom intelligence feeds

Cloud & Cybersecurity Engineer *Jun 2023 – Jul 2025*

- **Managed daily security operations** for **350+** customer assets, ensuring high service reliability, timely incident resolution, and supporting firewall upgrades, maintenance, and policy optimization to enhance network stability and reduce operational risks
- **Collaborated with 5-6 senior engineers** on troubleshooting, incident handling, and routine operations, gaining strong technical, analytical, and problem-solving foundations while contributing to the team's overall efficiency and effectiveness
- Strengthened operational documentation, monitoring, and escalation processes, improving SLA compliance from **approximately 92% to 94%,** and ensuring consistent service delivery and risk mitigation across client accounts.
- **Awarded Best Performer** for problem-solving and responsivenes, demonstrating commitment to high-quality service delivery

Python Intern | DLK Technologies, Chennai, India **Jun 2022 – Jul 2022**

LEADERSHIP & COMMUNITY ENGAGEMENT

Club President, Lions Club of Chennai Anna Nagar Zoomers **Sep 2024 – Present**

- **Managed 50+ volunteers** to execute social welfare initiatives across hunger relief, medical camps, and community programs, **impacting 3,750+ beneficiaries**; raised and allocated **INR 8 lakh** through international campaigns and state-level events

Indian Delegate, Lions Youth Exchange Camp (YEC IDFO PARIS CAMP), Paris, France **Jun 2025 – Jul 2025**

- **Represented India** at an international youth leadership camp, participating in leadership workshops, cross-cultural exchanges, and collaborative projects, **earning recognition for exemplary performance** and showcasing India's culture globally

Club Vice President, Leo Club of Sterling Society, Chennai **Sep 2023 – Jun 2025**

- **Led a cross-border Virtual International Hunger Relief Initiative**, executing **100+ food drives across 5 countries** to support underserved and vulnerable communities, reaching thousands with sustainable aid and resources
- **Conducted 10+ state and national seminars and webinars** as Global Leadership Team Coordinator, including ISAME Forum and multi-district events, **engaging 500–1,000 participants per session** to foster leadership and cross-cultural collaboration

ADDITIONAL ACTIVITIES

Runway Model, Freelance **Oct 2022 – Nov 2024**

- **Collaborated with leading brands** including Myntra, Nykaa, and Raymond; participated in Phoenix Mall fashion shows, earning awards, showstopper titles, and paid contracts

Chief Ambassador, Hospitality & Sponsorship, SRM Campus Life **Aug 2021 – Jul 2023**

- Managed multiple campus events, **securing INR 6 lakh corporate sponsorship** for Rampus (**3,000+ attendees**) and **INR 10 lakh faculty support**; coordinated logistics, budgets, and stakeholder collaboration for four additional events

SKILLS

Languages – English (Fluent), Hindi (Fluent), Tamil (Intermediate), Telugu (Intermediate), French (Beginner)
ICT – AWS, Azure, FortiGate, Palo Alto, Cisco ASA, Check Point, Ansible, AIOps (Cloud Fabric), Scikit-learn, TensorFlow, Keras, Pandas, NumPy, Matplotlib, SciPy, CCNA, VLANs
Certifications – Connected Leadership – Yale University (Coursera, 2025), Leadership Skills – IIM Ahmedabad (Coursera, 2025), CCNA 200-301 – Cisco Certified Network Associate (Cisco, 2023), Network Security Expert Program (Fortinet, 2023), Quantum Computing: Basics to the Cutting Edge Specialization (Coursera, 2021), Strategic Management (Coursera, 2025)