

SHARATH SUNIL

Cybersecurity Consultant

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[GitHub](#) • [LinkedIn](#) • [Portfolio](#)

WORK EXPERIENCE

Ernst and Young India, Bangalore

Senior Analyst

July/2023 to April/2024

- Enhanced application security through routine API penetration testing (VAPT) and black-box client vulnerability assessments, recommending and implementing effective countermeasures.
- Spearheaded comprehensive Web Application (OWASP 10) Security Testing initiatives, scrutinizing complex web applications for vulnerabilities and providing actionable recommendations for remediation..
- Elevated client security posture through Vulnerability Assessments & Penetration Testing (VAPT) and subsequent security recommendations.

Cybersecurity Intern

Feb/2023 to July/2023

- Conducted VAPT for infrastructure and web applications and provided appropriate security measures and mitigations for clients.
- Automated report generation of VAPT and VMS scans, thereby reducing the manual efforts by 60%.
- Enhanced cybersecurity skills through penetration testing and vulnerability assessment training on platforms like Portswigger, TryHackMe, and HackTheBox.

CERTIFICATIONS

Azure Security Technologies AZ-500, Microsoft

October/2023

Azure Fundamentals AZ-900, Microsoft

August/2023

SKILLS, INTERESTS

Technical Skills: Programming languages - Python3, JavaScript, Bash and C, Microsoft Office programs - Word, Excel and PowerPoint, Tools and Technologies - Linux, Burp suite, Nmap, Information Security, OSINT, VAPT, API Security, OWASP 10, Web Security, Back-end Development, Web Frameworks, REST API.

Languages: English, Malayalam, Hindi, Tamil.

Interests: Reading books and articles related to finance and history, automobiles, fitness.

EDUCATION

Amrita Vishwa Vidyapeetham, Kollam, Kerala

Master of Computer Applications

July/2023

CGPA: 8.98

Amrita Vishwa Vidyapeetham, Kollam, Kerala

Bachelor of Computer Applications

June/2021

CGPA: 9.0

PROJECTS

Computational Drug Discovery For Blood Cancer Classification using Deep Convolutional Neural Network. [\[Link\]](#)

- Designed an advanced system for early blood cancer detection and treatment, utilizing Convolutional Neural Networks, transfer learning, and fine-tuning techniques to accurately predict cancer subtypes, integrated with a web-based chat-bot and a sophisticated drug discovery module to identify effective drug targets and combinations, enhancing precision in diagnosis and therapy..

An Effective Approach for Detecting Acute Lymphoblastic Leukemia Using Deep Convolutional Neural Networks. [\[Link\]](#)

- Developed an computerized acute lymphoblastic leukemia detection system using deep neural networks, significantly improving diagnostic accuracy and reducing research costs by efficiently identifying cancerous cells in blood samples.

An Effective Approach for Classifying Acute Lymphoblastic Leukemia Using Hybrid Hierarchical Classifiers. [\[Link\]](#)

- Developed a Hybrid Hierarchical Classifier system to enhance the detection accuracy of Acute Lymphoblastic Leukemia by automating the classification of cancerous and healthy cells, addressing the limitations of manual testing and previously existing ML systems.