

# Sundar Karthik S

✉ [sundarkarthiksrinivasan@gmail.com](mailto:sundarkarthiksrinivasan@gmail.com) | 🌐 [sundarkarthik.tech](http://sundarkarthik.tech) | 📞 +91 8939082123  
🔗 [github.com/itsmessk](https://github.com/itsmessk) | 🌐 [linkedin.com/in/sundarkarthiks](https://linkedin.com/in/sundarkarthiks)

## About Me

I am a B.Tech graduate in Computer Science and Business Systems, with a strong passion for programming, problem-solving, and algorithmic thinking. I specialize in full-stack development, web security solutions, and Data Structures and Algorithms, with hands-on experience in enhancing web security, optimizing operations, and implementing efficient algorithms. As a lifelong learner, I am dedicated to advancing my skills and delivering innovative, impactful solutions.

## Education

<b>Panimalar Engineering College (Anna University)</b> B.Tech. in Computer Science and Business Systems	Graduated: April 2025 <b>GPA: 8.10</b>
<b>Velammal Matriculation Higher Secondary School, Surapet</b> HSC, Mathematics and Computer Science	Graduated: 2021 <b>Score: 84.5%</b>

## Experience

<b>Infoziant IT Solutions Inc</b> <i>Software Engineer Intern</i>	Feb. 2024 - Present <i>Python, Flask, Express.js, MongoDB, Redis, JavaScript, Git, React.js, Docker</i>
<ul style="list-style-type: none"><li>Led the end-to-end development of IDast, a dynamic application security testing (DAST) tool, automating vulnerability scanning, reducing manual testing costs by 80%, and improving detection accuracy by 70%.</li><li>Built a high-performance parallel scanning engine using asyncio, aiohttp, and Redis caching, enabling 45% faster scans. Integrated 15+ modules, including SQLi, XSS, SSRF, LFI, CRLF, and RetireJS, boosting team productivity by 25% with advanced features like subdomain-aware scanning, HTTP smuggling detection, CSP analysis, and comprehensive error handling, all contributing to enhanced accuracy.</li></ul>	
<b>Enbott Technologies</b> <i>Full-stack Developer Intern</i>	Nov. 2023 - Jan. 2024 <i>MySQL, HTML, Git, PHP, JavaScript, CSS</i>
<ul style="list-style-type: none"><li>Built a dynamic analytics dashboard, boosting efficiency by 50% and enabling a projected 25% revenue growth.</li><li>Engineered and deployed full-stack web solutions that optimized backend queries and frontend rendering, resulting in a 10% reduction in data load times. This performance boost significantly enhanced user experience.</li></ul>	

## Projects

<b>IDAST</b> <i>Dynamic Application Security Testing Tool</i>	June. 2024 - Present <i>Flask, Redis, MongoDB, Appwrite, Tailwind, Express.js, React.js</i>
<ul style="list-style-type: none"><li>Designed and developed a lightweight DAST tool to automate comprehensive web application vulnerability detection, integrating 15+ modules including XSS, SQLi, SSRF, LFI, CRLF, and template injection.</li><li>Enabled parallel scanning using asyncio and aiohttp, reducing scan time by 45%. Integrated Redis caching, subdomain enumeration, and advanced features like CSP analysis and HTTP smuggling detection.</li></ul>	
<b>RenewallQ</b> <i>Automated Subscription Management System</i>	Feb. 2025 - Mar. 2025 <i>Node.js, Express.js, MongoDB, JWT, Upstash, Nodemailer, Arcjet</i>
<ul style="list-style-type: none"><li>Engineered a secure subscription management backend with full CRUD support and JWT-based auth.</li><li>Automated personalized subscription renewal reminders using Upstash workflows, integrating dynamic HTML email templates. This streamlined user engagement, minimized missed payments, and improved overall retention.</li></ul>	

## Leadership and Volunteering

<b>Panimalar Student Development Community</b> <i>Co-Lead @ Career in Tech</i>	Sep. 2022 - Jul 2023
<ul style="list-style-type: none"><li>Guiding a community of 200+ CS students in their professional development, technical skills and interest in tech.</li><li>Demonstrated strong management and collaboration skills while leading a team of 15 dedicated club members, ensuring the successful execution of 10+ initiatives, which increased club participation by 40%.</li></ul>	

## Skills

<b>Languages:</b> Java, C++, C, Python, JavaScript, SQL, TypeScript
<b>Technologies &amp; Tools:</b> React.js, Bootstrap, Tailwind CSS, Flask, API, Appwrite, Git, GitHub, MongoDB, MySQL, Arcjet, Upstash, Express.js
<b>Certifications:</b> Jr. Software Engineer Certification - Amazon, Oracle Cloud Infrastructure 2024 Generative AI Certified Professional