

# Rokkam Karteek

📍 Srikakulam, Andhra Pradesh, India    ✉ karteekrokkam@gmail.com    ☎ 6301289031    in Karteek Rokkam  
🔑 karteek0432    🌐 Portfolio

## Professional Summary

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Passionate Computer Science student at RGUKT Srikakulam, deeply interested in full-stack development, cybersecurity and penetration testing. Experienced in building secure web applications using MERN stack and developing security-focused tools. Always striving to learn and deliver innovative solutions.

## Education

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<b>Rajiv Gandhi University of Knowledge Technologies (RGUKT), Srikakulam</b> B.Tech in Computer Science and Engineering (Present 3rd Year 1st Semester)    CGPA: 8.5	<i>2021 – Present</i>
<b>Pre-University Course, RGUKT Srikakulam</b> CGPA: 9.3	<i>2019 – 2021</i>
<b>Narayana E-Techno School</b> GPA: 10.0/10.0	<i>2010 – 2020</i>

## Technical Skills

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**Web Development:** React.js, Node.js, Express.js, MongoDB  
**Cybersecurity:** Penetration Testing, Vulnerability Scanning, Network Log Analysis  
**Tools:** Wireshark, Nmap, Metasploit, John the Ripper, Zphisher, TheHarvester, HiddenEye  
**Languages:** Python (basic), Bash, JavaScript  
**Operating Systems:** Kali Linux, Windows  
**Other:** Git, Technical Documentation, Fast Learner

## Projects

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### Blogify – Full Stack Blogging Application

- Built a blogging platform with authentication, profile management, and CRUD operations.
- Tech stack: React, Node.js, Express.js, MongoDB.
- **Live:** [blogify-rho-ashen.vercel.app](https://blogify-rho-ashen.vercel.app) 🔗

### Digital Horizon – Digital Agency Website

- Developed a digital agency platform using React
- Features include service showcase, modern UI, and responsive design.
- **Live:** [digital-horizon-omega.vercel.app](https://digital-horizon-omega.vercel.app) 🔗

### Basic Port Scanner

- Built a multithreaded Python tool to scan open ports on an IP address.
- Demonstrated networking and TCP/IP fundamentals.
- **GitHub:** [github.com/karteek0432/basic-port-scanner](https://github.com/karteek0432/basic-port-scanner) 🔗

### Malicious Link Finder



- Analyzed phishing URLs with API-based scanners and pattern heuristics.
- GUI integration for user-friendly interface and real-time scanning.
- **GitHub:** [github.com/karteek0432/malicious-link-finder](https://github.com/karteek0432/malicious-link-finder) 🔗

### Webcam Spyware Security System

- GUI tool in Python using CustomTkinter to block unauthorized webcam use.
- Includes face/password authentication, logs, and email alerts.
- **GitHub:** [github.com/karteek0432/webcam-spyware-security](https://github.com/karteek0432/webcam-spyware-security) 🔗





## Internships

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- Successfully completed an internship in Cybersecurity at Supraja Technologies, Vijayawada (May 2025 – July 2025), where I worked on Web Application Vulnerability Assessment & Penetration Testing (VAPT) and gained hands-on experience in identifying and resolving security issues in web applications. [\[View Certificate\]](#) 
- Completed a 6-month Advanced Certification in Cybersecurity (WCCS Program) with Wingcode Partner, where I received training in ethical hacking, vulnerability assessment, automation tools, and practical cybersecurity testing techniques under expert supervision. [\[View Certificate\]](#) 

## Certificates

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- CS50 – [Harvard's CS50 Certificate](#) 
- Tools of the Trade (Linux/SQL) – [Coursera Certificate](#) 
- Software & Hardware Security – [Workshop Certificate](#) 
- ISC2 Cybersecurity Certificate – [Credly Badge](#) 

## Soft Skills

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- Strong communication and presentation skills
- Adaptable and fast learner
- Effective time management and prioritization
- Problem-solving and logical reasoning
- Team collaboration and leadership potential

## Activities

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- Built and deployed full-stack web applications using React.js, Node.js, Express, and MongoDB
- Implemented CRUD operations, authentication, and RESTful APIs for dynamic functionality
- Member, ISC2 Community, collaborating on cybersecurity knowledge sharing and events
- Capture The Flag (CTF) participant, solving real-world security challenges

## Preferred Roles

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- Full Stack Developer Intern
- Penetration Testing Intern
- Cybersecurity Analyst
- Vulnerability Researcher

## Declaration

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I hereby declare that the above information is true and correct to the best of my knowledge and belief.