Vyshnav M S

Kollam, Kerala

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LinkedIn: https://www.linkedin.com/in/vyshnav-m-s

GitHub: https://github.com/Vyshnav-ms

Portfolio: https://vyshnavms.netlify.app

Professional Summary

Motivated and detail-oriented Full Stack Developer with strong foundations in cybersecurity and network security principles. Experienced in developing scalable web applications using Django and React.js. Former Lab Instructor with 7 months of academic and technical experience managing hardware, software, and network systems. Passionate about creating impactful technology solutions that balance performance, usability, and security.

Work Experience

- **Lab Instructor & Assistant System Manager**
  UKF College of Engineering and Technology, Kollam, Kerala
  March 2024 – September 2024
  - Conducted 50+ lab sessions focused on Python programming and practical computing skills.
  - Provided hands-on training in PC hardware assembly, troubleshooting, and software setup.
  - Improved lab infrastructure performance by 25% through system upgrades and proactive maintenance.
  - Administered lab networks and servers, ensuring 99% uptime through regular backups and security audits.
  - Resolved 100+ software/hardware issues to maintain uninterrupted academic operations.
- **Junior Python Django Full Stack Developer Intern**
  Inmakes Infotech, Kochi, Kerala
  September 2023 – December 2023
  - Built full-stack web applications using Django and Python, contributing to both frontend and backend.
  - Implemented core concepts including models, views, forms, templates, and user authentication.
  - Participated in code reviews and agile development practices in a real-world development environment.

Education

- **Master of Computer Applications (MCA)**
  Lead College of Management (Autonomous), Palakkad, Kerala (Affiliated to Calicut University)
  Expected Graduation: 2026
  - Coursework: React.js, Python, Cybersecurity, Cyber Forensics, Flutter, Network Security, ADBMS
  - Key Contributions:
    - Developed a React-based app for CP students to learn English with animation and audio.
    - Created and deployed International Admissions webpage using React and TypeScript.
    - Core member of the Placement Cell; coordinated multiple successful placement drives.

- **Bachelor of Computer Applications (BCA)**
  University of Kerala, Kollam, Kerala
  Graduated: 2022 | CGPA: 7.14/10
  - Studied foundational programming (C, C++, Java, PHP), OOP, and software development lifecycle.
  - Developed academic projects in web development and DBMS.

Projects

- **Lumos Learning App (For Children with Cerebral Palsy)**
  - Developed using React.js and TypeScript with Framer Motion animations and HTML5 Canvas.
  - Implemented handwriting practice with @use-gesture/react and integrated audio for engagement.
  - Deployed on Vercel for public access and responsive usability.
  - Source Code: https://github.com/Vyshnav-ms/Lumos-learning-app
  - Website Link: https://lumos-learning-app.vercel.app/

- **MentalPal – Mental Health Platform**
  - Django-based web app to connect students with mentors.
  - Features: Mentor matching, real-time messaging, dashboard, feedback system.
  - Source Code: https://github.com/Vyshnav-ms/Mental-pal

- **International Admissions Webpage**
  - Created the International Admissions section for Lead College of Management website.
  - Focused on UX with form validation, responsive design, and optimized performance.
  - Technologies: React.js, TypeScript, Tailwind CSS
  - Website Link: https://lead.ac.in/InternationalAdmission

Certifications

- **Introduction to Cybersecurity** — Cisco (Issued: May 2025)
- **Penetration Testing Professional (CPENT)** – Networkers Home, Bangalore (Aug 2023)
- **Certified Ethical Hacker (CEH v11)** – Networkers Home, Bangalore (June 2023)
- **Cybersecurity Technician (CCT)** – Networkers Home, Bangalore (April 2023)
- **Cisco Certified Network Associate (CCNA 200-301)** – Networkers Home, Bangalore (2023)

Technical Skills

- **Programming Languages:** Python, JavaScript, C++
- **Frameworks & Libraries:** Django, React.js, TypeScript
- **Web Technologies:** HTML5, CSS3, REST APIs
- **Databases:** MySQL
- **Cybersecurity Tools:** Burp Suite, Metasploit, Nmap, Wireshark
- **DevOps & Tools:** Git, Vercel
- **Operating Systems:** Linux (Ubuntu, Kali), Windows
- **Networking:** TCP/IP, Routing, Troubleshooting

Soft Skills

- **Leadership:** Coordinated events and placement activities in academic institutions.

- **Problem Solving:** Diagnosed and resolved technical issues in software/hardware and network domains.

- **Time Management:** Balanced coursework, internships, and freelance work effectively.

- **Adaptability:** Quick to learn new technologies and apply them in academic and project environments.

Languages

- **English:** Professional Proficiency

- **Malayalam:** Native

- **Tamil:** Conversational (Listening & Speaking)

References

AJAY JAPAMANI

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ARJUN K P (Mentor)

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