NEKELASH IL

Enthusiastic engineering graduate with a keen interest in Cyber Security and cloud technologies.
With a strong foundation in security principles, Linux, AWS, and automation tools like Docker and Jenkins, I am eager to apply my technical skills to security assessments, incident response, and tool deployment. Passionate about learning and adapting to the evolving field of cybersecurity, in addition to real-time work experience in the Uhnder.inc QA team dealing with automation and monitoring of network infrastructure and pipelines

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▶ Youtube Channel

TECH SKILLS

- Operating System: **Linux (kali,Ubuntu), Windows**
- Programming Languages: **Bash, Python, Java, C**
- Version Control: **Git, Github, Bitbucket**
- CI/CD Tool: **Jenkins**
- Tools used: **Metasploit, Bettercap, Nmap, wireshark**
- Containerization: **Docker**
- Virtualization: **Vagrant, Oracle Virutal Box**
- Cloud Platform: **Amazon Web Services (AWS)**
- Atlassian Products : **Bitbucket, Confluence, JIRA**

EDUCATION

- **BACHELOR OF ENGINEERING in COMPUTER SCIENCE – 2021 - Present**
  Kongu Engineering College, Erode, Tamilnadu.
  CGPA – 8.28 (till 7 th Sem)

- **HSC – 2020 - 2021**
  Santhanam Vidhyalaya Senior Secondary School, Trichy, Tamilnadu.
  89.6%

- **SSLC – 2018 - 2019**
  Santhanam Vidhyalaya Senior Secondary School, Trichy, Tamilnadu.
  85.4%

AREA OF INTEREST

- Web-development, Open Source Contribution
- Networking, Cybersecurity
- Automation

PROJECTS AND PRESENTATIONS

Indian railways multilingual information dissemination system - 1st prize
- Developed a Python software for intra college level IDEATHON competition using Google Speech-To-Text library, IBM WATSON api for Translating in Different language
- **Contribution:** Created a Work flow between the backend team and frontend team by github actions and pipeline

Dark Pattern Buster Hackathon 2023 IIT-BHU - Finalist
- Developed a Chrome extension using JavaScript for frontend and Node.js for backend, and machine algorithm (naïve bayes).
- **Contribution:** Done R&D on website user interface, ml algorithms for text classification

Containerization – personal projects
- Containerized tech stack like MERN stack, JAVA stack, static website and published in container registry
- **Tools and Tech used**: Docker, K8s, Docker Compose, Docker multi build

AWS - hands-on projects
- worked on aws services like cloudwatch, s3, ec2, apigateway, aws lambda, RDS, Load balancing, Auto-scaling group, security group
- **projects done:** Static website hosted on s3 bucket, Static website hosted on httpd server in ec2 instance, created VPC network and connect the rds endpoint to application in ec2 instance

CoachMagic – Developer in Startup
- Building CoachMagic Startup company from desiging the webpages using figma to Developing the design to real project.
- **Contribution:** As i working as a Frontend developer for the company, utilized tools like html, css, js, reactjs, tailwind css, figma.

Projects on CyberSecurity
- *Socket Programming :* *Github Link*
- *Malware and Virus project :* *Github Link*
- *XSS scanner script :* *Github Link*

EXPERIENCE

- **Uhnder inc - Radar Company**
  QA - Engineer (Devops & Automation)
  (2024 July- Present)