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| **K. MALAR KIRUBA** | Chennai, Tamil Nadu +91-6379518003 kalaimani2827@gmail.com |

# PERSONAL SUMMARY

Dynamic intern at C-DAC and detail-oriented Computer Science student with hands-on experience in **RESTful API development, network monitoring, and full-stack web development**. Proven ability to optimize system performance, integrate complex functionalities, and enhance security. Seeking a position to apply technical expertise in a dynamic environment.

# SKILLS

* Comprehensive problem-solving abilities
* Excellent verbal and written communication skills
* Ability to deal with people diplomatically
* Willingness to learn

# TECHNICAL SKILLS

* **Programming Languages:** Python, Java, C, C++, JavaScript, HTML, CSS
* **Web Development:** MERN Stack, Django, RESTful APIs
* **Databases:** MySQL, PostgreSQL, MongoDB, SQLite
* **Operating Systems:** Windows, Linux (Ubuntu, RedHat, Kali)
* **Cloud & DevOps:** Oracle Cloud Infrastructure, Openstack Cloud Infrastructure, Hadoop Ecosystem
* **Security & Networking:** Network Packet Analysis, OWASP Top 10, Ethical Hacking
* **Network & Data Monitoring:** Grafana Tool, Zabbix Tool

# EXPERIENCE

**C-DAC, Chennai, India *(Intern, Dec 2024 - Present)***

* Developed and maintained **RESTful APIs** to support front-end functionalities and third-party integration.
* Enhanced **network monitoring** by analyzing network packets and integrating Network Topology page in **Meghdoot Cloud Dashboard and also Created a CPU Monitoring System in FSP Cloud** .
* Implemented **security measures** by mitigating OWASP Top 10 vulnerabilities.
* Optimized system processes using **Linux and Hadoop Ecosystem**.
* Understanding the Openstack Horizon, Compute, Nova, Neutron, Swift .

# EDUCATION & QUALIFICATIONS

* **B.E. Computer Science & Engineering** *(Expected 2027)*  
  Panimalar Engineering College, Chennai  
  **GPA:** 8.6/10
* **Higher Secondary (HSC)** *(2023)*  
  Velammal Matriculation Higher Secondary School, Chennai  
  **Secured:** 90%
* **SSLC** *(2021)*  
  Velammal Matriculation Higher Secondary School, Chennai

# ACHIEVEMENTS

* Participated in an **International Conference** for project presentation.
* Participated in a **Symposium at Eswari Engineering College, Chennai**.
* **First Place** in **School-Level Tamil Debate & Essay Writing**.

# COURSES AND WORKSHOPS

* **Oracle Cloud Infrastructure 2024 Generative AI Professional (1Z0-1127-24)**
* **Nasscom Online Course on Cyber Security**
* **Full Stack Web Development Course** (1 month)
* **Diploma in Programming Languages**
* **Workshop on Ethical Hacking (IIT Madras, 2 days)**

# PROJECTS

* **MERN Stack Mini Project** – Connected frontend webpage with backend server using MongoDB.
* **Java Mini Project** – Created a Whac-A-Mole game.
* **OpenCV Project** – Face Detection and Eyesight Power Detection.

# LOCATIONS

* **Current Address:** No:18A/37, Bharathiyar Street, Chennai, Tamil Nadu - 600050.
* **School Address:** Velammal Matriculation Higher Secondary School, Chennai - 600123.
* **College Address:** Panimalar Engineering College, Chennai - 600123.

# LANGUAGES

* English (Fluent)
* Tamil (Native)

# PERSONAL DETAILS

* Caste: Agamudiyar
* Community: OBC
* Date of Birth: 07/03/2005
* Nationality: Indian
* Religion: Hindu

# LINKEDIN & GITHUB

* https://www.linkedin.com/in/malar-kiruba-8847a0343
* https://github.com/kiruba2827/