Venkannababu Pamarthi

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Vijayawada, Andhra Pradesh, India

SUMMARY

Motivated and detail-oriented Computer Science Engineering student actively seeking a full time opportunity to apply theoretical knowledge and hands-on skills in a dynamic engineering environment. Enthusiastic about con- tributing to innovative projects, leveraging a strong academic foundation, and gaining practical experience.

EDUCATION

- **Velagapudi Ramakrishna Siddhartha Engineering College** — *2023–2026*
  B.Tech, Artificial Intelligence and Data Science — CGPA: 8.79
- **A.A.N.M & V.V.R.S.R Polytechnic College** — *2020–2023*
  Diploma in Engineering — Percentage: 90.34%
- **Chinnari High School** — *2019–2020*
  SSC — CGPA: 9.0

EXPERIENCE

- **AWS Cloud Virtual Internship** - EduSkills (2024). Learned about AWS, including EC2, EBS, and S3.
- **Google Android Developer Virtual Internship** - EduSkills (2024). Gained hands-on experience in Android app development, including UI design, activity lifecycle, and working with APIs.
- **Full Stack Development Training** - Python (Django Framework) at Lineysha and Thevan Software Technologies (Dec 2023 - June 2023).

PROJECTS

- **AI-Powered Fileless Malware Detection System**: Mar (2025) – Present
  Mini project

  Developed a security system leveraging AI-driven behavior analysis to detect fileless malware in memory. Implemented LSTM-based temporal models and kernel-level ML techniques to identify anomalous processes and prevent zero-day attacks.

- **Revolutionizing Communication in the Seafood Supply Chain** Aug (2024)-Dec (2024)
  Epics project

  A web-based platform to enhance communication between fishermen and buyers, addressing inefficiencies in seafood transactions. The platform provides real-time updates on seafood availability, allowing buyers to make informed purchasing decisions while enabling fishermen to reach a broader market.

- **Automated Attendance Tracking Using Surveillance Cameras**: Nov (2024)-Jan (2024)
  Independent Project

  This project reduces the risk of proxy attendance by connecting surveillance cameras to a database that contains student images. The system matches live images with stored data to mark attendance.

SKILLS

- **Technical Skills:**
- **Programming Languages:** Java, C, Python, SQL, HTML, CSS, Javascript

- **Cloud and Distributed Computing:** AWS
- **Network and Information Security:** Cisco CCNA, Ethical Hacking
- **Platforms:** Android studio, Google Colab, Jupyter notebook
- **Operating Systems:** Microsoft Windows 10
- **Frameworks :** TensorFlow ,Hadoo(cloudera)
- **Soft Skills:** Time Management, Problem Solving, Team Collaboration, Adaptability, Leadership

CERTIFICATIONS

- **Java Programming Fundamentals** - GalileoX (Universidad Galileo)
- **Introduction to Data Science With Python** - HarvardX (Harvard University)
- **Google AI-ML Virtual Internship** - Eduskills
- **Google Android Developer Virtual Internship** - Eduskills
- **NDG Linux Essentials** - Cisco Networking Academy
- **Production Machine Learning Systems** - Coursera
- **IOT - Connecting-certificate** - Cisco
- **Foundation of R softWare** - Nptel
- **Ethical Hacking** - Nptel

WORKSHOPS

- **Harnessing Machine Learning for Cutting-Edge Image Processing:**

  Learn how to use machine learning to improve and transform images, from sharpening details to recognizing objects. This workshop will teach you practical skills with real examples.

- **AWS Cloud Workshop** :

  Two-day hands-on workshop on "AWS Cloud Computing" in collaboration with APSSDC.

- **Design Thinking Workshop** :

  Attended a five-day workshop on "Design Thinking: Creative Problem Solving & Ideation" led by Mr. Krishna Raj, Creative Head atI-Techverse Solutions,India Pvt Ltd.

- **Ethical Hacking Workshop:**

  Attended a practicalethical hacking workshop,enhancing skills in penetration testing, vulnerability assessment, and

  cybersecurity techniques.

- **Machine Learning & Data Science Workshop:**

  Explored ML algorithms, featureengineering, and model optimization, implementing practical applications using Python, Scikit-Learn, and TensorFlow.

EXTRA-CURRICULAR ACTIVITIES

- **NSS Volunteer**
- **Participated in college-level fests**
- **Participated in SIH Internal Hackathon, 2024**
- **Participated in UI-Path Hackathon, 2024**

DECLARATION

I hereby declare that the information provided is true and accurate to the best of my knowledge.

Place: Vijayawada   **Signature:** P. Venkannababu