

# KARAMTOTH AKHIL NAYAK

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## Professional Summary

A highly motivated Computer Science and Cybersecurity enthusiast with a B-Tech degree from CVR College of Engineering, Hyderabad. Proficient in programming, data analysis, and cybersecurity fundamentals, with a passion for leveraging technology to solve complex challenges. Adept at problem-solving, eager to learn, and committed to making a meaningful impact in the field of cybersecurity and data analytics.

## Education

**CVR College of Engineering, Hyderabad** | B-Tech in Computer Science & Cyber Security | **CGPA: 8.69**

**Narayana Junior College, Hyderabad** | Intermediate (MPC) | **Percentage: 91.5%** | May 2023

**Sai Chaitanya model School, Hyderabad** | 10th Grade | **CGPA: 10.0** | May 2021

## Technical Skills

- Programming Languages:** C, Python, Java, java script, shell scripting, Data Structures & Algorithms (DSA)
- Web Development:** HTML, CSS , xml, bootstrap, React, Express
- Database Management:** SQL, PL/SQL, NO SQL (fire base)
- Data Analytics:** Power BI
- Other Skills:** Fast writing skills, multitasking, strong communication in English, Hindi & Telugu, eagerness to learn new technologies.

## Experience & Training

**Google Skill Boost – GEN AI Study Jams (*Trainee*)** | Sep 2024 – Oct 2024

- Gained hands-on experience in implementing AI technologies.
- Explored various Google applications and tools for AI development.

**Cyber Security – Edu Skills (in collaboration with AICTE & Palo Alto Networks)** | April 2025 – June 2025

- Completed a 10-week virtual internship focused on Cyber Security.
- Gained hands-on experience in cybersecurity principles, threat management, and security best practices.
- Worked on real-world security challenges, network security tools, and risk mitigation strategies.

**Linux Fundamentals – Red Hat (Course ID: RH104)**

- Completed foundational training in Linux system administration and command-line operations.
- Gained practical experience in file management, user permissions, and shell scripting.
- Learned essential system configuration, networking basics, and troubleshooting techniques.

## Projects

**Hangman Game with Advanced GUI Application**

- Designed and built a Hangman game with an interactive graphical user interface.
- Utilized Python and Tkinter framework to enhance user experience.
- Implemented advanced game mechanics and scoring system.

**Habit Tracker App**

- Built a responsive habit tracking web app using React, TypeScript, and Firebase with real-time updates.
- Implemented user authentication, habit management, and progress tracking with streak visualization.
- Designed a modern, intuitive UI with toast notifications and smooth animations for enhanced user experience.

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## Certifications

- **Cyber Security virtual Internship Completion** – Worked on real-world security challenges.
  - **Oracle Academy** – Database Design and Programming with SQL.
  - **GEN AI Workshop** – Participated in AI-focused training at CVR College of Engineering.
  - **TCS- ION Career Edge** –IT Industry Overview | IT Job Tools.
  - **Deloitte** – Cyber job simulation.
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