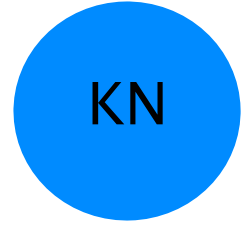


KURNI NAGARAJU

Aspiring Software Engineer

+91 9573212538 @k.nagaraju2125@gmail.com [LinkedIn](#)



SUMMARY

I am an aspiring professional with a background in Computer Science and Engineering, actively seeking to leverage my technical skills and academic knowledge.

With experience in full stack Java and Data Science, I have developed projects focused on enhancing security in wireless networks and predictive analytics.

I am eager to contribute to a dynamic organization that values innovation and growth

INTERNSHIPS

Short term - Intern

SkillDzire - Full Stack Java 05/2024 - 06/2024

Internship focused on full stack Java development

- Learnt the basic concepts of Java and Object-Oriented Programming
- Worked on Exception Handling and Collection Framework
- Worked on extended Web Technologies like HTML, CSS, MYSQL, Servlets
- Practice and hands-on experience for designing some basic applications

Long term - Intern

SkillDzire - Data Science 12/2024 - 04/2025

Internship focused on data science and analytics

- Cleaned and analyzed datasets using Python, Pandas, and SQL for health and E-commerce projects
- Built regression and classification models to predict heart attack risks and life expectancy
- Visualized business insights from sales data using Matplotlib for stakeholder presentations
- Collaborated with mentors to improve data science pipeline and teamwork skills
- Presented a project portfolio, showcasing readiness for Data Science roles

PROJECTS

Block Access Control in Wireless Blockchain Network: Design, Modelling and Analysis

01/2025 - 04/2025

A project enhancing wireless sensor networks through blockchain applications

- Focused on enhancing the security and efficiency of wireless sensor networks using blockchain technology
- Developed a blockchain-based WLAN using Ethereum and SHA-256 to secure IoT sensor data
- Designed four Block Access Control strategies to reduce forking and optimize transaction throughput
- Analyzed performance with Markov chain models, achieving high throughput with BAC1 strategy
- Demonstrated applications in IoT and smart cities using Python and Solidity simulations

LANGUAGES

- English
- Kannada
- Telugu
- Hindi

PUBLICATIONS

- Publication in International Journal Published a research paper on "Block Access Control in Wireless Blockchain Network Design, Modeling and Analysis" Recommendations in an International Journal of Engineering and Science Invention (IJESI).

EDUCATION

B. TECH (Computer Science & Engineering)

St. Johns College of Engineering and Technology
7.5 CGPA || 2025 || Yerrakota, Yemmiganur

Class XII

A.P Model Government Junior College
7.3 CGPA || 2021 || Putakalamarri

Class X

Z.P High School
8.5 CGPA || 2019 || Devanakonda, Kurnool

STRENGTHS

Excellent Communication

Strong abilities in communication and collaboration

Multi-tasking Abilities

Capable of managing multiple tasks effectively

Leadership

Demonstrates leadership skills

Teamwork

Works well in team settings

KEY ACHIEVEMENTS

Final Year Project

Developed innovative Block Access Control strategies for wireless sensor network.

SKILLS

Core Java

HTML

CSS

JavaScript

DSA

INTERESTS

Playing Chess

Enjoys strategic thinking and problem solving

Solving Rubik's Cube Patterns

Enjoys tackling puzzles and challenges

Reading News Papers and Solving Puzzle's

Enjoys reading newspapers to stay informed & solving puzzles about current events

Watching TV & Listening Music

Enjoys watching informative and entertaining for relaxation

CERTIFICATES

NPTEL COURSES

- [Cloud Computing](#)
- [Physics of Renewable Energy Systems](#)

Full Stack Java

Artificial Intelligence & Machine Learning

Data Science