








Kogula Nandhitha K

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PROFILE

I'm a quick learner who believes in learning by doing, sharing knowledge, and growing through teamwork. With hands-on experience in Python, front-end development, and MySQL, I enjoy turning ideas into real-world solutions. I combine technical skills with a mindset rooted in continuous learning, empathy, and creativity, always ready to contribute to a purpose-driven team.

PROFESSIONAL EXPERIENCE

Python Developer intern, Infosys Springboard

- Analyzed financial data, improved efficiency by 35%
- Built ELT pipelines for reporting.

Web Developer intern, Tarcin Robotics Pvt

Madurai, India

- Contributed to frontend development for better user experience increasing user engagement time by 40%.

Python Tutor

Aruppukottai, India

- Guided students in mastering Python programming through interactive lessons.

PUBLICATIONS

EnviRoBot: An Innovative AI-Driven Waste Management System Using Unmanned Ground Vehicles (UGVs), International Research Journal of Engineering and Technology (IRJET)

ACHIEVEMENTS

Codeolympics-National Level Coding Competition, SSN College Of Engineering

- Secured 3rd Prize.

First prize in DB Dazzle-(National Level),

Kamaraj College of Engineering and Technology
Won 1st Prize in a National Level Symposium.

DB mania-National Level Coding Competition, Mepco Schlenk College

- Demonstrated database management and won first prize in National Level Coding Competition.

Tech Hunt-Second prize (National Level),

Thiagarajar College of Engineering ,Madurai

- Showcased technical skills and innovative solutions.

PROJECTS

Smart Plate, AI integrated diet application

- Smart plate detects food, nutrients using ML algorithms with 90% accuracy
- Sensors detect real-time spoilage reducing response time to spoilage by 50%
- Prototype tested in 15+ trials

Spotify Analysis,

Data analysis on Spotify tracks to uncover trends

- Cleaned data, reducing time by 40%
- Generated 15+ insights on trends

Envirobot, Advanced waste management system

- Smart robot collects and classifies waste types.
- Uses machine learning for waste type detection.

SKILLS

Programming Languages – Python | MySQL | HTML,CSS

Core – Data Analysis & Visualization | Artificial Intelligence | Frontend Development

Soft Skills – Problem Solving | Communication | Team Leadership | Team Collaboration

EDUCATION

B.Tech Artificial Intelligence And Data Science,

Sethu Institute Of Technology

2022 - 2026 | Kariapatti, India

CGPA 9.34

Senior Secondary, SBK International School CBSE

2021 - 2022 | Aruppukottai, India

84%

AWARDS

Above and Beyond Student Award,

Sethu Institute of Technology

Awarded for academic excellence and outstanding contributions.

NPTEL Discipline Star,

Recognized as a Top Performer in multiple NPTEL courses under the Computer Science discipline, awarded for academic excellence and consistency.



CERTIFICATES

TCS ION NQT-COGNITIVE (Score: 76.8%)

NPTEL The Joy of Computing Using Python (Elite + Silver 81%)

NPTEL Database Management System (Elite)

NPTEL Data Structures And Algorithm Using Python (Elite)

NPTEL Introduction To Internet Of Things (Elite+ Gold 91%)

NPTEL Cloud Computing (Silver+Elite 86%)

Infosys Springboard (Python for Data Science)

Hacker Rank (Python , Sql , CSS)

IIT madras Shaastra (Selected top 50 Finalists in Cp Potpourri)



LEADERSHIP ACTIVITIES

Coordinator – National Level Technical Symposium & Conference

Successfully coordinated the national-level tech event involving 500+ participants, workshops, paper presentations, and keynote sessions.