AKSHAYA JANANI N

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PROFILE SUMMARY

3rd-year Computer Science Engineering student, specializing in Full Stack Development with a strong foundation in programming and full-stack development. Proficient in Java, Python, C, PHP, and web technologies including HTML, CSS, and JavaScript. Experienced in building web applications using Laravel and managing databases with MySQL. Familiar with UI/UX design tools like Figma. Passionate about developing efficient, scalable solutions and eager to gain hands-on experience in real-world projects

EDUCATION

Sathyabama Institute Of Science and Technology   *2023 - 2027*
- Bachelor's in Computer Science and Engineering

NSN Memorial Senior Secondary School   *2023*
- All India Senior School Certificate Examination (AISSCE)

NSN Memorial Senior Secondary School   *2021*
- All India Secondary School Examination (AISSE)

SKILLS

- Programming Languages
  - C
  - Python
  - Java
- HTML & CSS
- Javascript
- MySQL
- Figma
- PHP
- Laravel

INTERNSHIP

Software Development Intern   *May 2025 - June 2025*

Vijaya Consultancy Services   Pearland, Texas

- Participated in project requirement discussions, contributing to clear understanding of objectives and scope.
- Analyzed code and assisted in identifying and resolving bugs to enhance system performance.
- Supported the QA process by conducting functional testing within the Portal to ensure reliability and usability.

PROJECTS

HydraSync - Smart Water Bottle with Hydration Remainders

Arduino, GSM (SIM800L), C

- Engineered a smart water bottle that sends SMS hydration reminders to the user's mobile phone at regular time intervals.
- Used an Arduino microcontroller with a SIM800L GSM module to automate message sending.
- Implemented timer-based logic to track time between water intake and trigger reminders accordingly.
- Focused on standalone system design, embedded logic, and real-world problem-solving.

CERTIFICATIONS

- **NPTEL**
  - PROGRAMMING IN JAVA
  - DATA SCIENCE IN PYTHON
  - DATABASE MANAGEMENT SYSTEM

- Successfully attended and completed a **MySQL** Certification Course
- Successfully attended and completed a **JAVA** Certification Course
- Successfully attended and completed a **Introduction to NoSQL databases** Certification Course
- Successfully attended and completed a **Software Engineering and Agile software development** Certification Course