



# Shanjay Athithya

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## EDUCATION

### SSN COLLEGE OF ENGINEERING

B.TECH IN INFORMATION  
TECHNOLOGY

Chengalpattu, Tamil Nadu

GPA: 8.23 | Grad: May 2026

### KEINS MATRIC HR SEC SCHOOL

HIGHER SECONDARY CERTIFICATE

Valliyur, Tirunelveli, Tamil Nadu

Percentage: 94.7 | Grad: May 2022

## LINKS

Github: [shanjay-athithya](#)

LinkedIn: [Shanjay Athithya](#)

Coding Profile: [shanjay-athithya](#)

## COURSEWORK

Data Structures

Algorithms

Object Oriented Programming

Design Patterns

Database Management Systems

Networks

Human Resources

Universal Human Values

## SKILLS

Languages

Python • HTML5 • CSS/TailwindCSS •

Javascript • Java • C++

Frameworks

Django • Flask

Databases

SQL/MySQL • SQLite3 • FireBase

Libraries

ReactJs • Numpy • Pandas

Tools

VSCode • GitHub

## CERTIFICATIONS (5)

- [META React Basics \[Link\]](#)
- [Django Essentials \[Link\]](#)
- [Programming In Java \[Link\]](#)
- [Privacy and Security in Online Social Media \[Link\]](#)
- [Communication-TCS \[Link\]](#)

## EXPERIENCE

### DNXX

FRONT-END DEVELOPER INTERN

Jul 2024 - Present

- Developed user interfaces for client projects through advanced front-end development.
- Implemented high-impact solutions using modern frameworks and tools.
- Gained practical experience in front-end best practices.

### ACADEMIC PROJECTS | TEAM LEAD

- Led development teams for NexGenFlow, BloodSync, and Beta projects, ensuring timely and high-quality delivery.
- Coordinated project execution with Agile methodologies, optimizing sprint efficiency and team performance.

## PROJECTS(4)

### CLIMATE MONITORING SYSTEM </>[Climard]

ARDUINO | C++ | WIFI | HTTP | IOT | SENSORS

Jun 2024 – Jul 2024

- Designed a real-time climate monitoring system, significantly enhancing data accuracy.
- Deployed a WiFi-based protocol for sensor data transmission, greatly boosting efficiency and reducing latency.
- Improved monitoring accuracy through periodic threshold updates, effectively reducing error rates.

### CHATBOT FOR CAREER AND JOB OPPORTUNITIES </>[Beta]

REACT.JS | NEXT.JS | TAILWINDCSS | JAVASCRIPT | API

May 2024 – Jun 2024

- Engineered a sophisticated chatbot solution that supports users with personalized job query responses.
- Elevated response relevance through meticulous conversation tracking.
- Accelerated response time using seamless real-time API integration.

### WATERFLOW MANAGEMENT SYSTEM </>[NexGenFlow]

DJANGO | PYTHON | SQLITE3 | JAVASCRIPT | HTML | CSS

Apr 2024 – May 2024

- Optimized water flow through data-driven decision-making.
- Conducted comprehensive analysis of flow rates and efficiency, enhancing network performance.
- Ensured data integrity by preventing duplicate edges and automating pipe length calculations, significantly increasing accuracy.

### BLOODBANK MANAGEMENT SYSTEM </>[BloodSync]

DJANGO | PYTHON | SQLITE3 | HTML | CSS

Nov 2023 – Dec 2023

- Managed a comprehensive blood bank system with an extensive donor database.
- Boosted efficiency through integrated patient, donor, and inventory management.
- Streamlined the donor matching process, significantly reducing search time.