

# 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

### DNYX | FRONT-END DEVELOPER INTERN

Jul 2024 - Present

- Engineered client-facing interfaces with advanced front-end technologies, enhancing user experience.
- Delivered high-impact solutions and optimized development practices for improved efficiency.

### SMART INDIA HACKATHON 2023 | CO-LEAD

Sep 2023 - Feb 2024

- Co-led a team of five, fostering excellent communication and coordination with members and college faculty over a six-month period.
- Out of 270 teams, our team was shortlisted and ranked first among the top 25, showcasing exceptional innovation.

### ACADEMIC PROJECTS | TEAM LEAD

- Led development team of 4-5 members for NexGenFlow, BloodSync, and Beta projects.
- Coordinated project execution with Agile methodologies, optimizing sprint efficiency and team performance.

## PROJECTS (4)

### CLIMARD </>[Code]

ARDUINO | C++ | WiFi | HTTP | IoT | SENSORS

Jun 2024 - Jul 2024

- Engineered a real-time climate monitoring system, significantly enhancing data accuracy and efficiency.
- Implemented a WiFi-based protocol for sensor data transmission, minimizing latency and improving response time.

### BETA </>[Code]

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

May 2024 - Jun 2024

- Developed a sophisticated chatbot delivering personalized job query responses with enhanced relevance.
- Optimized response times through seamless real-time API integration and precise conversation tracking.

### NEXGENFLOW </>[Code]

DJANGO | PYTHON | SQLITE3 | JAVASCRIPT | HTML | CSS

Apr 2024 - May 2024

- Enhanced water flow management using data-driven insights, optimizing network performance.
- Automated calculations and prevented data duplication, increasing accuracy and reliability.

### BLOODSYNC </>[Code]

DJANGO | PYTHON | SQLITE3 | HTML | CSS

Nov 2023 - Dec 2023

- Developed a comprehensive blood bank system, streamlining donor, patient, and inventory management.
- Accelerated donor matching and retrieval processes, significantly reducing search times and improving efficiency.