



Shanjay Athithya

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[Portfolio] | shanjayathithya2004@gmail.com | 9488262579

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 | JULY 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 Agile workflows and front-end best practices.

ACADEMIC PROJECTS | TEAM LEAD

- Led development teams for NexGenFlow, BloodSync, and Beta projects, ensuring timely and high-quality delivery.
- Actively coded and 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.