

# Nithin Kumar Kanapareddy

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## EDUCATION

### SRM UNIVERSITY

BTECH IN COMPUTER SCIENCE, ENGINEERING

Chennai, India

CGPA: 9.3 / 10

## SKILLS

### PROGRAMMING

Python • C/C++

MySQL • HTML • CSS

React • Numpy

### TECHNOLOGY

Git/Github • AWS (Familiar)

Windows • Linux

Artificial Intelligence

## PROJECTS

### AI GUARD | FACIAL RECOGNITION UNAUTHORIZED ACCESS PREVENTION

Feb 2023 – May 2023

- Developed a facial recognition security system that reduced unauthorized access by 80% and improved system accuracy by 15%.
- This was a robust, code-centric project, highlighting our proficiency in software development and algorithm optimization.

### ONLINE MOVIE TICKET BOOKING SYSTEM

Aug 2023 – Nov 2023

- Designed and implemented a web-based movie ticket booking platform using Flask and SQL, optimizing seat selection algorithms, and integrating secure payment gateways to handle transactions.

### ENERGY CONSUMPTION PREDICTION IN DATA CENTERS

July 2024 – Dec 2024

- Developing a hybrid model for energy consumption prediction in data centers, combining ARIMA for linear trends and LSTM for non-linear behaviors to forecast energy.

### GPT BASED SMART ASSISTANT

Oct 2024 – Present

- Developing a voice-controlled smart assistant using OpenAI's GPT model.
- Enabled natural language queries with speech recognition and text-to-speech capabilities.

## LINKS

Github:// [Nithinkumar](#)

LinkedIn:// [Nithinkumar](#)

## COURSEWORK

### UNDERGRADUATE

Data Base Management Systems

Machine learning

Data Analytics

Operating Systems

Object Orient Programming

Software Engineering

Data Structures

## CERTIFICATIONS

AWS Data Analytics

Machine Learning

Oracle Cloud Infrastructure

Digital Marketing

Microsoft Certified: AzureAI Fundamentals

## EXPERIENCE

### AWS | DATA ANALYTICS INTERN

May 2023 – July 2023

- Successfully completed a 10-week AICTE EduSkills Data Analytics Virtual Internship supported by AWS Academy, enhancing my skills in Data Science and Analytics.

## EXTRA CURRICULAR

### ACTIVITIES

#### Volunteering

- Volunteered to assist with placement services for companies.

#### Freelancing

- Applied skills to solve both programming and statistical problems as a freelancer.

#### Foreign Languages

- Learned Japanese, enhancing communication skills and cultural understanding.

## INTERESTS

- **Technical:** Currently exploring TensorFlow and Keras for advanced machine learning and deep learning solutions.

- **Personal:** Enjoy exploring books on innovation and leadership and sci-fi movies that spark curiosity about futuristic technologies.