

# Arjun S

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## Education

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### Vellore Institute of Technology

MTech in Computer Science and Engineering with Specialization in Data Science  
CGPA: 9.16/10

Vellore, TN  
2026 (expected)

### DAV Senior Secondary School

2021, Class XII, CBSE, Computer Science - 96.4%

### Velammal Vidyalaya

2019, Class X, CBSE - 92.8%

Chennai, TN

## Experience

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### Lead Developer (Intern) at [7 Stones Digital](#)

I led a development team to build kitchen inventory and chef management modules for an ERP system using PHP. Our work attracted new clients, increasing the company's revenue.

Remote  
Jul 2024 - Sep 2024

## Skills

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Python • Java • Angular • C Programming • Networking • Cryptography • AWS • Machine Learning  
Tableau • Git • Data Structures and Algorithms • Natural Language Processing • UI/UX • SQL • Chess

## Projects

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### OpenLearn, A Promise that World Class Learning will always be incredibly affordable

Designed OpenLearn, an empty AI-powered platform democratizing education by enabling global expert contributions, using Angular, Llama LLM, Python Django REST Framework, and Neo4j.

2024

### Web Mining and NLP on Information Authenticity

Built a fake news detection system that scraped Instagram news channels, stored data in MongoDB, and assessed query authenticity using NLP techniques.

2024

### Tamil Handwritten Spelling Error Correction

Engineered a system to digitize Tamil handwritten text using neural networks, image dilation, and contouring, with context-aware spelling error correction using NLP.

2024

### FOODIES, A Food Ordering Application in Angular

Developed a mobile-friendly food ordering web app, using Angular and Python Django REST API. Integrated an admin panel for statistical insights and visualizations using Chart.js.

2023

### LanChat, A Chat Application in Python

Created a chatting application using Python socket programming, PyQt5, and MySQL for real-time communication.

2021

## Achievements and Volunteering

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### Educator and Speaker, Government High School, Vedakollaimedu and Chennai

Delivered a talk on "Exploring the World Beyond Schooling" and led a team of four to teach basic English to government school students, fostering learning and confidence.

2024

### Young Environmental Scientist (YES) Title Winner, IWMA, IIT Madras

Led a team of four to engineer the "Exhaust Reactor", an innovative device that captures carbon from vehicle exhaust to mitigate emissions and slow climate change.

2020

## Certifications

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2024 • AWS Certified Solutions Architect - Associate

2024 • Advanced Learning Algorithms, Stanford University

2024 • CS50's Web Programming with Python and Javascript, Harvard University

2024 • CS50's Introduction to Artificial Intelligence with Python, Harvard University

2024 • Neo4j Graph Database, Certified Professional, Graph Academy

2023 • The Power of Statistics, Google

2023 • Supervised Machine Learning, Stanford University