



# ATHUL MATHEW VARUGHESE

Chengannur, Kerala

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## EDUCATION

### B.Tech - Computer Science & Engineering

2019 – 2023

College Of Engineering, Chengannur CGPA - 8.49

Kerala, India

APJ Abdul Kalam Technical University

## SKILLS

**Languages :** Python , C , Javascript , PHP (Beginner)

**Libraries & Frameworks :** Django , FastAPI , PyTest , Langchain , Drupal , React JS , Next JS

**Platforms & Tools :** Docker, Git , Figma , PowerBI , Linux

**DATABASES :** MySQL, MongoDB , PostgreSQL , VectorDB

## PROJECTS

### Talenthive [↗](#)

NEXT.js + PostgreSQL + Go

- About project :** Engineered a web application for the placement cell, streamlining information delivery to students and enabling swift responses; reduced average response time to placements by 50%, enhancing student engagement and satisfaction significantly

### Contest Calendar [↗](#)

React

- About project :** Developed a frontend web application that displays upcoming competitive coding contests sourced from a public API, providing users with valuable information on contest schedules and enabling efficient planning and participation.

### Algorithm Visualizer [↗](#)

HTML+CSS+JAVASCRIPT

- About project :** Developed a web application utilizing HTML, CSS, and JavaScript to visualize algorithm executions, enhancing student learning experiences and engagement with a 40% increase in user retention rates.

## EXPERIENCE

### • Junior Data Engineer / Drupal Backend Developer @Dbiz.ai

July 2023 - Present

- Worked with frameworks like Django and FastAPI to build optimized applications.
- Optimized LLM-powered tender summarization application using LangChain and asynchronous Python.
- Enhanced application performance and scalability by leveraging asynchronous programming techniques.
- Implemented efficient data processing and model interaction for faster response times.
- Developed a custom Drupal module to automate file categorization and tagging based on specific criteria.
- Created RESTful APIs using Drupal to integrate with external systems.
- Developed frontend components using Next.js and CSS for Dbiz.ai website.

- **SEO Intern @ IncrementumX**

**Aug 2022 - Jan 2023**

- The role and responsibility carried out was to help the client have a better ranking in Google by understanding their business model and work on their web page to increase traffic by executing some changes.

## **CERTIFICATIONS**

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- C for Everyone: Programming Fundamentals - **UNIVERSITY OF CALIFORNIA, Coursera**
- Python Basics - **UNIVERSITY OF MICHIGAN, Coursera**
- Enhancing Soft Skills and Personality - **AICTE**