VIGNESH ARIVALAGAN

Computer Science and Business Systems

- **LinkedIn**   - **Github**

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India

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Summary

Motivated **Computer Science and Business Systems student (B.Tech, 2020–2024)** with hands-on experience in **Python development, full stack web applications, and collaborative projects.** Skilled in object-oriented programming, data structures, and version control, with a proven ability to deliver functional software solutions. Seeking an entry-level opportunity as a **Software Developer / Full Stack Developer** to apply technical expertise and grow in a dynamic team environment.

Technical Skills

Languages:C, Java, JavaScript, Python

Web Development: HTML, CSS, React.js, TailwindCSS, MERN Stack

Databases: MySQL, MongoDB

Tools & Platforms: Git, GitHub, Postman

Frameworks : Node.js

Cloud:AWS-E2C

DevOps: CI/CD, problem-solving, debugging

Education

EGS Pillay Engineering College

B.Tech in Computer Science and Business Systems
EGS Pillay Engineering College

Nagapattinam,Tamilnadu,In
2024

NEW BHARATH HR SEC SCHOOL

Higher Secondary-(54%) -2020

Tiruvarur,Tamilnadu,In
2020

SRI LALITHAAMBIGA HR SEC SCHOOL

SSLC-(60%)

Poonthottam,Tiruvarur,Tamilnadu,In.
2018

Experience

Jan 2024 – Mar 2024 Remote

Python Development Intern – Octanet Services Pvt. Ltd.

- Developed an **ATM Machine Interface** Project using core Python concepts and real-world application logic.
- Implemented modular programming and error-handling to improve reliability.
- Enhanced system usability by designing structured user flows.

Projects

Project-1

- **Mini E-commerce Platform | MERN Stack**

- Built a MERN stack e-commerce platform supporting product display, detailed product views, add-to-cart functionality, and order placement.

- Implemented dynamic stock management that automatically decreases based on orders and integrated toastify notifications for better user interaction.

- Implemented dynamic cart summary with per-product quantity, price calculation, and total order value display.

Project-2

React-Chatbot-UI

• Developed chatbot interface with React and TailwindCSS.
• Implemented user messages, bot replies, and clean UI design.

Project-3

Quiz-App

• Developed a quiz application using React.js.
• Designed interactive UI and integrated dynamic question handling.