Jaiakash P

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PROFILE

Passionate and skilled **Computer Science Engineer** with hands-on experience in **Java**, **C++**, and **Python**, and practical knowledge of **full-stack web development using the MERN stack**. Strong foundation in **Data Structures and Algorithms**, with working knowledge of **Oracle database systems**. Focused on building clean, efficient, and reliable software solutions through continuous learning and project development.

EDUCATION

BE Computer Science And Engineering   08/2023 – 05/2027
Coimbatore Institute Of Technology   Coimbatore, India
CGPA - 8.45*

SKILLS

Frontend web development
- HTML
- CSS
- Javascript
- jsp & servlet

Programming languages
- Java
- c++
- python
- c

Tools
- Git

Full Stack Web development
- MERN stack

DataBases
- Oracle
- MongoDB
- MongoDB

Others
- Data Structures
- Algorithm and Analysis
- Object Oriented Programming
- Design thinking
- Computer Arhitecture & Operating Systems (Intermediate)

PROJECTS

E-Commerce Website
car parts sales system
Developed a JSP/Servlet-based e-commerce web application for buying and managing car parts. Implemented user authentication, product catalog, shopping cart, balance management, order placement, and an admin dashboard with CRUD operations.
Tech Stack: HTML, CSS, JavaScript, JSP, Servlets, MySQL, Apache Tomcat

Streamlit Price Spread Predictor
Developed a Streamlit-based application to predict optimal purchase and export quantities for agricultural products. Implemented city-wise profit analysis, interactive visualizations, and downloadable detailed reports including graphs.
Tech Stack: Python, Streamlit, Pandas, NumPy, Matplotlib, scikit-learn, joblib, python-pptx

MERN Student-Faculty Collaboration Platform
Developing a full-stack MERN web application to enable students and faculty to collaborate in groups. Implemented user authentication with role-based access, group management, file uploads/downloads, task assignment and submission tracking, and real-time group chat using socket IO (in progress)
Tech Stack: MongoDB, Express.js, React.js, Node.js,socket IO, JWT, Multer, Axios

CERTIFICATES

HTML & CSS 🔗
(Guvi)

JavaScrpit 🔗
(Guvi)

Python Essentials 1
(Cisco Networking Academy)

Python Essentials 1
(Cisco Networking Academy)