ANANTHARAM S.

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SUMMARY

Computer Science student passionate about full-stack development, system design, and AI integration. Skilled in building intelligent, scalable apps with a focus on clean architecture and collaboration. I love taking ownership of projects, collaborating with teams, and learning by building.

PROJECTS

Resume Analyser and filtering system

- Developed a web app for resume screening using NLP to extract content, auto-generate skill quizzes, and rank candidates via Cosine Similarity. Enabled top-N candidate retrieval through an admin dashboard for streamlined evaluation.
- **Role** : Frontend design and quiz model development.
- **Tech Stack**: Python, Flask, PDFPlumber, NLP, SQL.

AI Powered Productivity dashboard

- Developed a responsive task dashboard and integrated smart break suggestions based on mood, task streaks, and time logic. Included mood tracking and productivity insights, with core logic in Python for break timing and task prioritization.
- **Tech Stack**: React.js, Chakra UI, Flask, Firebase Realtime DB, Python.

Expense Tracker

- Developed a full-stack Smart Expense Tracker with React, Flask, and Firebase for real-time logging, visual history, and 3-month expense forecasting using Linear Regression.
- **Tech Stack**: React.js, Chakra UI, Flask, Firebase, HTML/CSS, JavaScript

Credit-based grocery seller

- Developed a Java Swing desktop grocery system with MySQL backend, featuring credit-based purchases, user panels for transactions, and an admin dashboard for inventory and analytics.
- **Role** : Admin dashboard development.
- **Tech Stack**: Java, Java Swing, JDBC, MySQL.

EDUCATION

Rajagiri School of Engineering and Technology(Autonomous), Kerala, India   **2022- Present**
Candidate for *Bachelor of Technology in Computer Science and Engineering*   CGPA (SEM 1 - SEM 6) - **9.14**

Kendriya Vidyalaya Rubber Board Kottayam, Kerala, India
All India Senior School Certificate Examination (AISSCE) | 91%   2021-2022
All India Secondary School Examination (AISSE) | 89.6%   2019-2020

CERTIFICATIONS

- ReactJS.
- Explore Machine Learning using Python.
- NPTEL - Cryptography and network secuirity.
- Forage (Walmart) - Advanced software engineering job simulation.

WORK EXPERIENCE

IPSR Solutions Ltd.   **July, 2024**

Industrial Trainee – Data Analysis (Tableau)

- Analyzed a real-world dataset to identify patterns, trends, and key insights.
- Created an interactive Tableau Story combining dashboards and visualizations to present a compelling data-driven narrative.
- Focused on clear communication of insights through charts, graphs, and storytelling techniques for non-technical audiences.
- Learned to structure visual reports with business context and deliver meaningful conclusions from data.

TECHNICAL SKILLS

Programming Languages : Python | C/C++ | Javascript | HTML/CSS
Frameworks & libraries : ReactJS | Chakra UI
Tools : Firebase | VS Code | Figma.
Database : MySQL | Firebase Realtime DB