PAVAN M G

⚲ Bengaluru, Karnataka, India ✉ pavanmg99649@gmail.com ☐ 6360270028 in/pavan-m-g-42902430a

SUMMARY

Full Stack and Front-End Developer skilled in HTML, CSS, JavaScript, React.js, Node.js, and databases such as MySQL and MongoDB. Also developing strong interest and experience in Machine Learning using Python, NumPy, and Pandas, with ANN network. Currently pursuing an MCA after completing a BSc in Physics and Computer Science, with a goal to build intelligent, data-driven web applications and innovative digital solutions.

PROJECT

Receipt & Bill Analyzer – Full Stack OCR Application

· Python | Streamlit | SQLite | OCR | Data Visualization. Developed an end-to-end Streamlit -based application to upload receipts (PDF, image, text) and extract structured data (vendor, amount, date) using OCR and parsing logic. Implemented search, sort, and aggregation algorithms to analyze total spend, vendor frequency, and monthly trends..

Modeling and Analysis of Exosolar Radiation Profiles:(BSc)

Developed a simulation-based model to analyze radiation profiles from exoplanetary systems, focusing on spectral characteristics and energy distribution to study stellar impacts on planetary atmospheres

EDUCATION

MASTER OF COMPUTER APPLICATION

• Atria Institute of Technology, Bengaluru, India
• 2025 || Current CGPA – 8.41
• Currently pursuing postgraduation with a focus on machine learning, with ANN networking, data structures, web technologies, and fullstack development.
• Building full-stack web application, practicing version control with Git, and working on real-time academic projects and building logics.

BACHELOR OF SCIENCE (Physics and Computer Science)

• Tumkur university • Koratagere. GFGCK Koratagere, Karnataka
• 2024 | cgpa 7.81
• Studied electronics, networking, and web development technologies like html, css, JavaScript, Anguler Js

SKILLS

Frontend: HTML5, CSS3, JavaScript with AJAX, JSON, React.js,

Programing Language: Python, Java

AI/ML:NumPy, Pandas, ANN,Basic ML Algorithm Linear regration,

Database: MongoDB, MySQL

Version Control: Git, GitHub

Tools: VS Code, Jupyter Notebook

OS: Ubuntu, Windows

Soft Skills: Problem Solving, Communication, Critical Thinking, Attention to Detail, Quick Learning,

CERTIFICATION

Master Course in Full Stack Development - Great Learning
HTML5 Tutorials - Great Learning
Adobe Graphic Designer - With Academy of Media and Design Tamilnadu
CICADA Hackathon - AIT