Karthik G R

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EDUCATION

PES University — Bengaluru, Karnataka
*Master of Computer Application - **8.58 CGPA*** — *Oct. 2022 – June 2024*

SDM Degree College — Ujire, Karnataka
*Bachelor of Science, Computer Science - **8.28 CGPA*** — *June. 2019 – Sept 2022*

SDM PU College — Ujire, Karnataka
*Science, PCMC - **86.66%*** — *June. 2017 – March 2019*

EXPERIENCE

Intern — March 2024 – May 2024
Apprikart Digital Solutions — *Bengaluru, Karnataka*

- Worked on high-impact projects, including "Video Campaigning SaaS Website - AiEngage," SAZ, and Advaith Hyundai.
- Applied modern web development technologies such as React, JavaScript, HTML, CSS, MaterialUI, and Wix.
- Enhanced skills in front-end development by collaborating with cross-functional teams to deliver user-friendly web applications.

PROJECTS

Deep Learning Approach to Detection of Diabetic Retinopathy | *Python, Deep Learning, Numpy, Streamlit*

- Utilized advanced deep learning techniques for early detection and diagnosis of diabetic retinopathy (DR)
- Trained Convolutional Neural Network (CNN) models using retinal images to automatically detect signs of DR.
- Predicted the category of diabetic retinopathy and presenting it in UI, enhancing the accuracy and efficiency of diagnosis.

Expense Tracker | *ReactJS, Express, Node.js, MongoDB, API*

- Create a Expense tracker app in React using hooks (useState, useContext, useReducer) and Context API.
- Integrated a backend API with Express and MongoDB, transforming the app into a full-stack MERN application.
- Implemented state management and RESTful API communication to track and persist user expenses.

Ration Shop Management System | *VB.NET, MS Access*

- Developed a Ration Shop Management System using VB .NET to manage inventories, record transactions, and provide a user-friendly interface.
- Implemented features for smooth operations including data entry of items sold, purchases, sales, inventory management, and user management
- Enhanced operational efficiency by adding customer management functionalities and streamlining various functions of a ration shop

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL , JavaScript, HTML/CSS
Frameworks: ReactJS, WordPress, Material-UI
Developer Tools: Git, GitHub, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, AWS
Databases: SQL, MongoDB

CERTIFICATIONS

Introduction to Big Data   **Basics of Python**
Coursera   Infosys Springboard