Harsha Danda

Developer

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| Github | Linkedin

PROFESSIONAL SUMMARY

Software Developer with a strong passion for data-driven problem solving and creating real-world solutions. I've built projects that span from facial expression recognition using deep learning to job market analysis through data scraping and visualization. With solid experience in Python, SQL, Pandas, Tableau, and Scikit-learn, I enjoy transforming complex data into clear, actionable insights. Currently deepening my knowledge in machine learning, I'm always eager to take on collaborative, impact-focused projects that challenge me to grow and deliver value.

PROJECTS

Travel-Booking — **GitHub**

TechStack: *React.js, Node.js, Express.js, MongoDB, Axios, React Router, JWT, Reactstrap, CSS*

- Built a full-stack travel booking app with **React.js** and **Node.js/Express**, allowing users to browse tours, book trips, and manage their profiles.
- Used **MongoDB** to store users, bookings, and tours, and created **REST APIs** for data operations.
- Added secure login and admin control using **JWT-based authentication and role management**.

Text-Extractor — **GitHub**

TechStack: *Python, Tesseract OCR, OpenCV, Tkinter, PyMuPDF (fitz)*

- Designed a user-friendly **Tkinter GUI** to allow users to upload files, extract content, and copy the output easily.
- Implemented preprocessing techniques like **grayscale conversion and thresholding** to improve OCR accuracy

Bank-Statement-analysis — **GitHub**

TechStack: *Python, Pandas, NumPy, Matplotlib/Seaborn (if used), Streamlit (if used), Regex, Excel/CSV I/O*

- Built a tool to extract, process, and categorize expense data from bank statements using **Python and Pandas**.
- Developed a streamlined pipeline to handle structured bank statement formats and generate meaningful financial summaries.

Externship

Advanced Data Science

July 2023 - April 2024

- Collaborated with a team to develop predictive models for business applications, enhancing decision-making processes through data-driven insights.
- Utilized programming languages such as Python and R to analyze large datasets and implement data preprocessing techniques.

SKILLS

Languages: Python, Java, JavaScript, C, C++
Frameworks/Libraries: React.js, Next.js, Node.js, Express, FastAPI, Redux, Formik, Material-UI, Tailwind CSS, Vite
Databases & Tools: MongoDB, MySQL, Git, Postman, Docker
Other: REST APIs, CI/CD, Agile, Problem Solving, Responsive Design, API Integration

EDUCATION

Vellore Institute of Technology [2020-24] – *B.Tech. in CSE*

Participated in a university-level hackathon team of 5 for innovative project.

Contributed to Dhwani Club as a Club member performing research and analysis on Coding assessment Event.