Jeevan Gowda Hemanth Kumar

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EDUCATION

California State University   Fullerton, CA
Master of Science in Information Systems, Concentration in IS Management   *Dec 2024*

Bangalore Institute of Technology   Bangalore, India
Bachelor of Technology in Computer Science & Engineering   *May 2022*

EXPERIENCE

Associate Product Manager   Apr. 2022 – Nov 2022
Klimb.io   *Mumbai, India*

- Revamped the dashboard and settings interface, resulting in a 25% decrease in user inquiries about platform navigation; streamlined user engagement processes, which improved response time by 15% across support teams.
- Executed daily monitoring of website performance metrics, analyzing error logs and crash reports, which improved response times to critical issues by 40%, contributing to a more stable recruitment management system.
- Conducted a weekly review of development team tasks, optimizing workflow and reallocating resources to high-priority items; this resulted in a 15% increase in task completion rates across the board.
- Led effective daily check-ins with developers to assess ongoing tasks and roadblocks, fostering a collaborative environment that empowered the team to resolve issues quickly and improve project momentum.
- Implemented structured communication protocols during daily calls, contributing to a cohesive team environment; established regular updates to ensure all development activities are clearly tracked and reported.

PROJECTS

Visionary Mate – AI-Powered Accessibility and Multimodal Interaction Platform |
Python, FastAPI, HuggingFace, Llama-Index, Tailwind CSS, JavaScript

- Engineered an integrated platform combining Visionary for AI-powered navigation and personal assistance and Multimodal Mate for advanced media processing, enhancing accessibility and engagement by 40%.
- Developed Visionary's voice-only navigation with Mapbox API and Google Cloud Text-to-Speech, providing real-time GPS guidance and AI-driven image analysis, increasing user interaction efficiency by 30%.
- Built a Retrieval-Augmented Generation (RAG) pipeline for Multimodal Mate using HuggingFace and Llama-Index, achieving 95% accuracy in document-based responses and enabling efficient text and multimedia analysis with advanced OCR.

AI-Powered Resume Analyzer & Job Matcher | *Python, FastAPI, MongoDB, Svelte, Docker, Google Gemini API*

- Led the full-stack development of an AI-powered resume analyzer and job matcher utilizing FastAPI, MongoDB, and Google Gemini API, improving resume parsing accuracy by 30%.
- Built a responsive frontend using Svelte and integrated backend services using Docker for consistent environment deployment, enhancing system scalability and reducing deployment time by 40%.
- Developed a secure, containerized architecture handling over 1000 concurrent requests with optimized API performance, streamlining resume and job data processing for faster matching results.

Movies Recommendation System | *Python, Streamlit*

- Developed a Movie Recommender System, processing a combined dataset of over 10,000 movie entries.
- Applied machine learning techniques for collaborative filtering, leveraging a similarity matrix computed from a dataset of 5,000 movies to personalize user recommendations.
- Designed and deployed a Streamlit web application, integrating real-time data fetching from TMDB API to display movie posters, enhancing user experience through interactive elements.

SKILLS

Programming & Scripting: Python, JavaScript, MySQL, PostgreSQL, HTML/CSS, C
Web Development & APIs: Flask, FastAPI, Streamlit, RESTful APIs, JWT
Data Science & Machine Learning: pandas, NumPy, polars, Matplotlib, seaborn, BeautifulSoup, plotly, Collaborative Filtering, HuggingFace, Llama-Index
Databases & Cloud: PostgreSQL, MySQL, MongoDB, Docker, AWS, GCP, SQLAlchemy
Tools & Version Control: Git, GitHub, Jira, Tableau, Excel, MS SQL, VS Code, Trello, Slack
Project Management: Agile, User Stories, Wireframes, PRDs, VAPT Reports