KISHORE KUMAR P S

AI FULL STACK DEVELOPER

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SUMMARY

AI Full Stack Developer with a strong foundation in full-stack web development, machine learning, and data-driven application design. Experienced in building scalable web applications using Java, Python, JavaScript, React, REST APIs, SQL/NoSQL databases, and modern deployment workflows. Hands-on experience in AI/ML model development, NLP, data analysis, and API integration through academic and internship projects. Adept at problem-solving, writing clean maintainable code, and collaborating in agile environments to deliver reliable software solutions.

WORK EXPERIENCE

AI & Full Stack Developer - PromptiX   **December, 2025 – Present**

- Built and deployed AI-driven full stack web applications using modern frameworks, focusing on scalability, performance, and real-world business requirements.
- Designed and implemented secure backend systems and RESTful APIs, enabling reliable data flow for contact forms, career applications, and admin dashboards.
- Integrated AI tools, automation workflows, and cloud services, improving operational efficiency and reducing manual processing across platforms.
- Collaborated closely with stakeholders to convert business needs into technical solutions, ensuring timely delivery, usability, and alignment with organizational goals.
- Optimized frontend UI/UX and database architecture for responsiveness and reliability, resulting in improved user engagement and smoother end-to-end application workflows.

CRM Platform Development – Internal Operations Management System - PromptiX

- Designed and developed a full-stack CRM platform with role-based portals for Admin, Employees, and Students, enabling centralized management of operations, users, and events.
- Implemented secure authentication, role-based access control, and approval workflows for attendance, leave management, and event participation to ensure data integrity and flows.
- Built responsive dashboards with real-time analytics for administrators, including user metrics, attendance summaries, event statistics, and feedback insights.
- Engineered end-to-end event lifecycle management covering registrations, attendance tracking, feedback collection, and reporting, improving operational efficiency and transparency.

EDUCATION

Bachelor of Technology in Artficial intelligence and Data science

- Sri Krishna College Of Engineering and Technology - Coimbatore
- Graduated: April, 2025

High school-Computer maths

- Velammal Vidyalaya - Madurai
- Graduated: July, 2021

PROJECTS

Text Sentiment Classification (End-to-End NLP Project)
- Built an end-to-end sentiment analysis pipeline using Logistic Regression, achieving 85%+ accuracy on real-world review data.
- Implemented complete NLP preprocessing including web scraping, tokenization, stopword removal, and TF-IDF vectorization.
- Evaluated model performance using Precision, Recall, and F1-score, ensuring reliability and reproducibility.

Personality Predictor (Machine Learning Project)
- Developed a machine learning system to predict Big Five personality traits from structured user inputs.
- Designed scalable ML pipelines using Scikit-learn, integrating feature extraction and classification models.
- Enhanced user interaction by applying prompt engineering concepts and clear documentation practices.

Online Mobile Recharge Portal (Full-Stack Application)
- Designed a secure full-stack web application using React.js frontend and Node.js backend architecture.
- Integrated payment gateway APIs and improved debugging workflows, reducing transaction failures by 15%.
- Ensured smooth frontend-backend communication following real-world enterprise practices.

Online Bookstore Management System (Full-Stack + REST APIs)
- Developed a full-stack bookstore system using Java, Spring Boot, and RESTful API architecture.
- Implemented secure SQL transactions for multi-user order processing and inventory management.
- Strengthened backend API lifecycle management and service integration practices.

SKILLS

- Programming & Development: Java, Python, JavaScript, HTML5, CSS3, Object-Oriented Programming (OOP), Data Structures & Algorithms
- Frontend Development: React.js, Component-Based Architecture, State Management, Responsive UI Design, UI/UX Best Practices
- Backend Development: Spring Boot, FastAPI, RESTful APIs, MVC Architecture, Authentication & Authorization
- Databases & Data Management: MySQL, MongoDB, SQL Queries, Database Design, CRUD Operations, Data Modeling
- AI & Machine Learning: Machine Learning Fundamentals, NLP, Model Training, Feature Engineering, TF-IDF, Logistic Regression, Scikit-learn
- Tools & Platforms: Git, GitHub, Postman, VS Code, Streamlit, Google Colab, Docker (Basics)
- Deployment & Cloud: Vercel, Render, API Deployment, Environment Configuration
- Software Practices: Agile Methodology, Problem Solving, Debugging, Code Optimization, Version Control, Documentation