KANISHKUMAR K

SDE Intern proficient in MERN | Bachelor's degree in CS
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RESUME OBJECTIVE

Aspiring full stack developer seeking to leverage my skills and contribute to innovative projects in a dynamic organization. Committed to continuous learning, effective teamwork, and working with the latest technologies to drive success and deliver outstanding results.

WORK EXPERIENCE

JavaScript and NodeJS Backend Intern
Calibraint Technologies, Chennai | July 2024 – August 2024

Developed a backend application for Railway Reservation System using **NodeJS**, **Express** and **Sequelize ORM** following **MVC** architecture serving various modules. Implemented **JWT** and passport based auth middleware, setup **Cron job** for database backup, e-Ticket generation and email integration. **Dockerized** the application for compatibility, used **Jest** for unit testing and handled double booking scenario carefully.

Software Development Engineer Intern
Trillion Thoughts Technologies, Chennai | Feb 2024 – April 2024

Developed full-stack website for E learning platform utilizing **React JS** frontend with **MUI, JWT** authentication, and **Django REST Framework** backend interfacing with **MySQL database** and handled user input **validation and sanitization**.

MAJOR PROJECTS

Proactive Cyberbullying Detection and Prevention in Twitter Clone
Tech Stack: Django, MySQL.
- Developed a Clone App using Django, integrating a proactive cyberbullying detection system. The detection system employs a **Random Forest classifier** and **BERT based contextual detection** to identify instances of cyberbullying based on keywords and context.

Rentify – Web App to Buy and Sell Properties
Tech Stack: Django, Django REST framework, React JS, MySQL, Material UI, Email JS.
- Developed a full-stack rental application that allows users to buy or sell properties online, integrating Email JS for email notifications and JWT for authentication.
- The user can post their properties and can view their posts.
- Users can able to view all posts and filter out based on needs.

PAPER PRESENTATION

Keezhadi Unearthed -A Machine Learning Expedition into Ancient Artifacts and Discoveries

- Utilized Machine Learning (SVM) to analyze and classify ancient artifacts, uncovering insights from an ancient civilization.
- Presented in: LICET - INSES International Conference 2024, Kurukshetra CEG 2023, Xerone Panimalar 2023.

COURSES

- Agile Methodology Virtual Experience Program | Forage
- Problem Solving through Programming in C
  NPTEL - IIT Kharagpur |Elite with Silver credentials
- Honors Diploma in Computer Applications (HDCA) | Grade: A

TECHNICAL SKILLS

Programming Languages:
- JavaScript (intermediate)
- C, Python
- Java (beginner)

Frontend Development:
- HTML / CSS, React.js (basics)

Backend Development:
- Node.js, Express.js

Web Frameworks:
- Django, Streamlit

Databases:
- MySQL, Redis, MongoDB (basics)

Version Control & Collaboration:
- Git, GitHub

Other Technologies:
- Docker (basics)
- GraphQL (basics)

SOFT SKILLS

- Time Management
- Team Work
- Adaptability
- Positive Attitude

EXPLORATORY PROJECTS

- Online food ordering application
- LICET virtual campus tour with admission enquiry chatbot
- Mobeaze - Mobile shopping site

ACHIEVEMENTS

- Built a platform to donate items online in Makeathon competition conducted by Open Weaver and won **Third place**.
- **Finalist in Survey Sparrow Hackathon** among 30 Teams, developed personalized SMS survey scheduling.

EDUCATION

Loyola-ICAM College of Engineering and Technology, (LICET), Chennai.
Bachelor of Engineering- Computer Science
Year: 2020 - 2024 | **CGPA: 9.01 /10**

Santhome Higher Secondary School, Chennai.
Standard XII | **Percentage: 92.00%**
Standard X | **Percentage: 97.40%**