Dinesh Kaliyannan

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CAREER OBJECTIVE

Passionate problem solver with an innovative approach and excellence, applying machine learning expertise to drive meaningful advancements and to make positive, respectful contributions in the field with unwavering integrity.

PROJECTS

EVENTEASE | WEB DEVELOPMENT | APR'24 - JUN'24

- Developed an event management web app as a team to help college clubs easily plan and organize events. Focused on solving challenges like scheduling, registrations, and real-time updates. Built using React.js, Node.js, and MongoDB, ensuring a seamless experience with a user-friendly interface and an efficient, scalable backend.

EXPENSE TRACKER | WEB DEVELOPMENT | JUL'24 - Nov'24

- Developed a web-based expense tracker to help users manage and monitor their finances effectively. Designed features like expense categorization, real-time analytics, and budget tracking.
- Built using MongoDB, Express.js, React.js, and Node.js, ensuring a smooth user experience with an intuitive interface and a secure, scalable backend.

BEARING FAULT DETECTION | DL | Jan'25 – Mar'25

- Developed a Deep Learning system using LSTM for automated bearing fault detection, optimizing fault classification accuracy, enabling predictive maintenance, real-time monitoring, and industrial automation.

CERTIFICATIONS

- MongoDB Certified Associate Developer | Credly
- Privacy and Security in Online social media | NPTEL
- Design & Implementation of Human-Computer Interfaces | NPTEL

LINKS

github.com/Dinesh7404
linkedin.com/in/dinesh-k-402691259
leetcode.com/u/dineshk_16

EDUCATION

KONGU ENGINEERING COLLEGE
B. Tech in AI & Machine Learning
Grad. 2026 | Cum. GPA:7.87
KONGU MATRIC.HR.SEC.SCHOOL
HSC | Grad. 2022 | Percentage:89.33%
SSLC | Grad. 2020 | Percentage:97%

SKILLS

- Java | Python | C
- HTML | CSS | Bootstrap | JS | React JS |
- MongoDB | MySQL

LEADERSHIP

- Executive Member of NSS, KEC
- Active Member of Quiz Club, KEC

TOOLS

Git • PowerBI • Figma

AREA OF INTEREST

- Frontend Development
- Machine Learning
- Data Analysis

SOFT SKILLS

- Learning Agility
- Empathy
- Collaborative Leader