

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.

WORK EXPERIENCE

Completed a Cod soft internship, gaining hands-on experience in Java development by building projects like a Number Game, Word Counter, Student Management System, ATM Interface, and Address Book System. Developed skills in software development, data management, and user interface design.

PROJECTS

EVENTEASE | WEB DEVELOPMENT | APR'23 - JUN'23

- Developed an event management web as a team, considering the issues faced by the college clubs and associations to make and run the event

WATER QUALITY ANALYSIS | ML | NOV'23 - DEC'23

- Enhanced water quality analysis and prediction using ML algorithms (Random Forest, SVM, Gradient Boosting), achieving superior accuracy in forecasting key parameters for proactive water resource management.

IMAGE CAPTIONING | DEEP LEARNING | APR'23 - JUN'23

- Developed a Deep Learning system with VGG16 CNN and LSTM for automated image captioning, optimizing with beam and greedy search, aiding visually impaired users, image searches, and social media 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:7.82/10

KONGU MATRIC.HR.SEC.SCHOOL | HSC

Grad. 2022 | Percentage:89.33%

KONGU MATRIC.HR.SEC.SCHOOL | SSLC

Grad. 2020 | Percentage:97%

SKILLS

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

LEADERSHIP

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

TOOLS

Git • PowerBI

SOFT SKILLS

- Learning Agility
- Empathy
- Collaborative Leader

AREA OF INTEREST

Machine Learning
Data Analysis
Frontend Development