SHAKTHIVEL K | Kundrathur, Chennai, Tamil Nadu | (+91) 7305828508 | **shakthivel2k4@gmail.com** |
www.linkedin.com/in/shakthivel-karunakaran-368662224

CAREER SUMMARY

B. E Computer Science Engineering graduate (2025) with strong technical skills in programming, cloud, databases, and machine learning. Passionate about building scalable software, automation tools, and data-driven systems.

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C
- **Web development**   : HTML, CSS, JavaScript, React
- **Databases**   : MySQL, SQL
- **Cloud**   : AWS, Oracle Cloud Infrastructure
- **AI/ML**   : Scikit-learn, Pandas, NumPy, OpenCV, Explainable AI
- **Automation**   : RPA, Python Scripting
- **Tools**   : Git, Linux, VS Code, Jupyter Notebook

CERTIFICATIONS & ACHIEVEMENTS

- Oracle Cloud Infrastructure 2025 Certified Multicloud Architect – Professional
- Oracle AI Vector Search Certified Professional (2025)
- AWS Academy Graduate – **Cloud Foundations**.
- Oracle Cloud Infrastructure 2023 **AI Certified Foundations Associate**.
- **NASSCOM Courses:** Data Science for Beginners, RPA Developer Foundation, CDAC Fundamentals.
- Participated in **ACM Workshop on ROCS at IIT Madras.**
- McKinsey.org Forward Program (Problem Solving & Digital Skills).

PROJECTS

Data-Driven Early Diagnosis of Chronic Kidney Disease (Major Project)
- Built ML model for early CKD prediction with high accuracy.
- Performed data cleaning, feature engineering, and evaluation.
- Tech: Python, Scikit-learn, Pandas, Explainable AI.

Personal Health Guardian – Capstone Project (Python)
- Built system to extract data from medical PDFs.
- Generated summaries, trends, and lifestyle insights.
- Tech: Python, NLP, Data Analysis.

Fall Detection System
- Developed real-time fall detection using OpenCV and Python.
- Achieved 85% accuracy on test datasets.

Bot Scheduling System
- Built RPA bot for task scheduling and automation.
- Reduced manual work using Python scripts.

INTERNSHIP EXPERIENCE

Data Analysis Intern – *Entrans Technologies Pvt. Ltd.* (2023)
- Cleaned and analyzed datasets using Python and SQL.
- Built automation scripts for faster processing.
- Created reports and visualizations

EDUCATION

B.E. Computer Science Engineering – Panimalar Engineering College, Chennai | 2021- *2025* | *CGPA: 6.65*
HSC (12th) – Adharsh Vidhyalaya MHSS, Erode | 80%
SSLC (10th) – Little Flower MHSS, Chennai | 70%