

LAKSHMI KARUNESH R

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SUMMARY

Computer Science graduate with practical experience in full-stack development, using React.js, Python, MySQL, and MongoDB. Built responsive web applications, integrated RESTful APIs, and focused on writing scalable, maintainable code. Solid understanding of data structures, algorithms, and software development practices.

PROFESSIONAL EXPERIENCE

- Graduate Innovation Engineer Trainee**, *Forge Innovation and Ventures* 02/2024 – 07/2024
FORT ,Hosur
- Gained hands-on experience in Python, robotics, pneumatics, computer vision, startup methodologies, and intellectual property rights (IPR) through cross-disciplinary innovation training.
 - Led a 4-member team to develop a **Supplier Performance Forecasting System** using Python and Prophet in collaboration with a leading automobile company, solving a real-time industry challenge.
 - Built an interactive, user-friendly dashboard for data visualization, improving supplier performance insights; enhanced skills in **time series forecasting**, agile development, and project leadership.(Certificate)

EDUCATION

- Bachelor of Engineering in Computer Science and Engineering**, 08/2021 – 04/2025
Government College Of Engineering ,Bargur Krishnagiri
- CGPA: 8.39/10.0
- Higher Secondary Education**, *Sree Saraswathi vidhyalaya matric hr ,sec , school* 07/2020 – 03/2021
Hosur
- 92.5% (Class topper).

PROJECTS

- Lightweight Feedback System**, *React js , Python ,Fastapi, Docker, Sqllite* 06/2025 – 06/2025
- The Lightweight Feedback System is a comprehensive full-stack web application designed to facilitate structured feedback exchange between managers and employees within an organization.
 - The system addresses the critical need for continuous performance feedback, employee development, and transparent communication in modern workplaces.
- Ai powered Interview and Feedback System**, *React js,Node js , Python , Mongo Db* 09/2023 – 11/2023
- Developed an AI-powered interview and feedback system that conducts mock interviews, analyzes responses using BERT model for scoring and provides real-time feedback.
 - Integrated voice input, question-wise evaluation, and final score generation using Python, Hugging Face APIs, MongoDB, and ReactJs.
- Supplier Performance Forecasting (MUP)**, *Python, Streamlit , Prophet* 04/2024 – 05/2024
- Led the development of a Supplier Performance Forecasting System using Python and Prophet, achieving 90% prediction accuracy for supplier efficiency.
 - Collaborated with a leading automobile company and built an interactive dashboard to visualize performance metrics.
 - Gained experience in project leadership, forecasting techniques, and applying technical skills in a real-world industrial setting.

SKILLS

FRONTEND DEVELOPMENT

- HTML(5),CSS(3),JAVASCRIPT,REACT JS

PROGRAMMING LANGUAGES

- C,PYTHON,JAVA

Additional

- Basic Machine Learning
- Git : Version Control
- Docker

BACKEND DEVELOPMENT

- PYTHON, FASTAPI , MySql

DEVELOPMENT TOOLS

Visual Studio Code

SOFT SKILLS

- Adjusts quickly to new tools, environments, and project requirements |Responsive and committed |Teamwork and collaboration |Project management and leadership |Clear verbal and written communication |

CERTIFICATES

Web Development — Eduonix | **Python Full Stack Development** — Pantech e-learning | **Introduction to IoT** — Swayam NPTEL