

M.BALAMURUGAN

CONTACT

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PROFILE SUMMARY

Aspiring Web and Java Developer seeking to apply skills in Full-Stack Development. Passionate about building scalable applications using Java, JavaScript, and modern web technologies. Eager to contribute problem-solving, database management, and basic Python for automation in a dynamic environment.

EDUCATION

2022-2026

EASA COLLEGE OF ENGINEERING
AND TECHNOLOGY.

- Bachelor of Information Technology.
- GPA : 8.2

2021 - 2022

RAJ MATRIC HR. SEC. SCHOOL,
MAYILADUTHURAI

- Higher Secondary Education (XII).

RESEARCH PAPERS

1. Leveraging Full Stack Web Development for Real-Time Load Flow Analysis in Electrical Power System Management

- **Author:** M. Balamurugan (Co-author)
- **Conference:** International Conference on Innovations in Engineering, Computing and Smart Technologies
- **College:** EASA College of Engineering and Technology, Coimbatore
- **ISBN:** 978-93-93836-42-7
- **Published by:** Maruthi Publishers

SKILLS

- HTML
- CSS
- PYTHON
- JAVA
- JAVA SCRIPT
- REACT

PROJECTS

1. Vision-Based Hand Gesture Recognition for Human-Computer Interaction

- Technologies Used: Python, OpenCV, MediaPipe

2. Real-Time Load Flow Analysis in Electrical Power System Management

- Technologies Used: ETAP Load Flow Software, PowerFlow Software, EasyPower PowerFlow, Power Supply Tools

LANGUAGES

- Tamil.
- English.

CERTIFICATIONS & PAPER PRESENTATIONS

- **Microsoft Office Essentials** - Certified by Microsoft & Naan Mudhalvan (Jan 2025)
- **Paper Presentation:** Real-Time Load Flow Analysis - FIESTAA'24, KPR Institute
- **Paper Presentation:** Hand Gesture Recognition - FIESTAA'24, KPR Institute
- **Participated in Paper Presentation** - EASA College of Engineering
- **Oracle Certified Foundations Associate** - Oracle Cloud Infrastructure 2023 - Issued by Oracle University
- **Full Stack Development Internship** - Marcello Tech (AICTE) - 2-month internship (Jul-Sep 2024)