Jayasurya M

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EDUCATION

B.TECH IN AI & ML
Kongu Engineering College
Grad. May 2026 | CGPA: 8.5 /10

HSE & SSLC
Thamarai Matriculation Higher Secondary School
12th Grad. May 2022 | Per: 91.8%
10th Grad. May 2019 | Per: 91.0%

AREAS OF INTEREST

Backend Developer
DevOps Engineering

SKILLS

Programming
Java • Python • C • JavaScript • SQL

Frameworks & Tools
Keras • TensorFlow • Express • MongoDB

DevOps
Terraform • Docker • Kubernetes • CircleCI

Cloud Service
AWS • GCP • Netlify

ACHIEVEMENTS

2025, 1st, AI Conclave Hackathon,IEF
2025, 2nd, Hack Sphere'25, KEC AICC
2024, 3rd, KEC Hackathon'24, KEC TBI
2024, 3rd, InfoQuest'24, GCT
2024, Finalist, Thinkathon'24, KEC AICC

CERTIFICATIONS

AWS Certified Cloud Practitioner, 2025
MongoDB Developer Associate, 2025
GitHub Foundational Certificate, 2024

LINKS

Portfolio:// jayasuryam.netlify.app
Github:// jayasurya5454
LinkedIn:// jayasurya5454
Leetcode:// jayasurya M

LEADERSHIP

Joint Secretary -> AI Coding Club (2025)
Treasurer -> AI Coding Club (2023 – 2024)

PUBLICATIONS

(IEEE, 2024) Leveraging Deep Learning For Comprehensive Plant Disease Classification

INTERN EXPERIENCE

CENTILLION LABS | DevOps Engineer Intern
Nov 2023 – Feb 2024 | Bangalore
- Engineered AWS Infrastructure as Code using Terraform, integrated with CircleCI, optimizing resource deployment and reducing time-to-market.
- Created and deployed GCP Kubernetes (Autopilot) clusters via Terraform, ensuring efficient and scalable application deployments.

ARISTOTLE INTELLIGENCE | Product Developer
Jan 2024 – Mar 2024 | Bangalore | Intern
- Developed and deployed an AI application, leveraging AWS for scalable and efficient cloud hosting.
- Enhanced application functionality by integrating APIs and optimizing system performance.

CHAINAIM CORP TECHNOLOGIES | Platform Engineer
Aug 2024 – Nov 2024 | United States | Intern
- Developed and deployed a technical documentation site using Docusaurus, improving user guidance and resources.
- Managed deployment of ACTUS Hackathon Challenge infrastructure to enhance platform scalability.

SYSTIMANX | Product Developer
Mar 2024 – Dec 2024 | Madurai | Intern
- Developed a chatbot to identify former employees who joined as freshers.
- Integrated the chatbot with internal company databases, ensuring seamless and efficient data retrieval for user queries.

PROJECTS

KUBERNETES DEPLOYMENT | Minikube K8s | Docker | Github
Deployed a MERN stack application on a Minikube cluster, managing both backend and frontend services. Integrated MongoDB for efficient data storage and retrieval, ensuring scalability and secure configuration management.

CROP RECOMMENDATION SYSTEM | Machine Learning | Live
Developed a crop recommendation system using machine learning and real-time APIs to provide farmers with data-driven crop suggestions. Implemented algorithms for real-time processing, enhancing agricultural decision-making.

PRODUCT PERSONALIZATION | MERN | Docker | Github
Developed an AI-powered personalized product system for the Farm2Bag platform. Utilized machine learning algorithms to analyze user behavior and preferences, delivering tailored product suggestions to boost sales and enhance user engagement.

SNAPURL | MERN | Docker | Kubernetes | Live
Developed a MERN stack-based application for URL shortening, featuring custom naming options and QR code generation. Enhanced usability with a sleek interface and deployed the application on a Minikube cluster for scalability.