



DIVYA E

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 LinkedIn

 Github

Education

B.E Computer Science and Engineering, CGPA: 9.2
Chennai Institute of Technology

2023 –2027 | CHENNAI, India

Internship Experience

CHENNAI INSTITUTE OF TECHNOLOGY: (Research Intern)

May 2025 – June 2025

- Contributed to a **journal publication**, enhancing skills in literature review, methodology design, and academic writing.
- Strengthened technical writing and formatting aligned with publication standards (**Springer Nature, Scopus**).
- Collaborated with mentors** to structure research content and validate findings for submission.

TWIN HEALTH: (Content Strategist Intern)

November 2024 – December 2024

- Developed and executed **marketing strategies** to boost product visibility and user engagement.
- Conducted **market trend analysis** to guide **product development** and **content planning**.
- Implemented data-driven solutions that contributed to **revenue growth** and **brand awareness**.

Projects

Landslide Prediction (Research Paper) | Python, Conventional Neural Network, ML

- Built a landslide prediction model using Bayesian Networks and geospatial data in active tectonic regions
- Integrated satellite IoT inputs for improved terrain-based forecasting accuracy

Diabetic Retinopathy Detection (Research Paper) | Python, Tensor Flow, Keras, OpenCV

- Developed a U-Net-based model for retinal image segmentation and diagnosis
- Applied preprocessing techniques to achieve high accuracy in early detection of Diabetes

Health Data Management App | Flutter, Firebase, ML

- Built a mobile app for managing patient records, prescriptions, and emergencies
- Enabled real-time hospital tracking using ML and location services for Hospital Association
- Secured data and user roles with Firebase-backed authentication and storage

Abstracts In Conference

Dhinakaran K, Poornima Lakshmi R, Divya E, Iyappan V, Pavithra S, Ponnusamy R (2024). **Accessing Landslide Susceptibility in Active Tectonic Areas using Conventional Neural Network**. In: 7th International Conference on Systems, Computation, Automation and Networking, Puducherry held on Dec 27-28, 2024

Skill

- Programming languages:** Python, Java, Javascript
- Mobile app development:** Flutter
- Web-dev & Databases:** React, SQL (MySQL), Firebase
- Data analysis and visualization:** Pandas, Matplotlib, NumPy
- Machine Learning and AI:** Tensor Flow, Keras, OpenCV

Certificates

AWS Cloud Foundations

(May 2025 - Jun 2024)

Parallel Computer Architecture NPTEL

(Jan 2025 - Apr 2025)

Cloud Computing NPTEL

(Jul 2024 - Oct 2024)

Zero Trust Cloud Security - EduSkills

(Sep 2024 - Oct 2024)

Algorithms on graphs & strings - Coursera

(May 2024 - Jun 2024)

Data structures - Coursera

(May 2024 - Jun 2024)

User Interface Automation – UI Path

(Jan 2024 - Feb 2024)

Cyber Security & Networking Essentials- Cisco

(Sep 2023)

Leadership Skills

- Team Leader (Build Fest 2025)
- Team Builder (Build with India 2025)

Achievements

- Finalist (Top 250), **Build Fest 25** – Google Hackathon, Bangalore
- Semi-Finalist, **Build with India** – Google Hackathon, New Delhi