Jathursika Velummayilum

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- Jathursi
- myself

Profile

I am a Computer Science student passionate about AI, Machine Learning, and Full-stack development. I enjoy building practical solutions and learning new technologies. I look forward to applying my skills to real-world problems and continuously improving.

Education

Bachelor of Science Honours in Computer Science, University of Jaffna   2021 - Present
CGPA: 3.07 (credit 68/120)

G.C.E. Advanced Level, Manipay Ladies College   2017 - 2019
Mathematics Stream: 2019 - 2C,1S

TNPSC, Raja Matric Hr Sec School, Ramanathapuram, India   2009 - 2016
10th - 466/500

Projects

Transformer-based skin lesion classification   2025 - Present
Undergraduate Research Project.
- I am working on Transformer-based skin lession classification, leveraging Vision Transformers to enhance accuracy in medical image analysis.
- **Tools :** PyTorch, Google Colab, Python.

E-Commerce Website with responsive Chatbot   2025 - Present
- I am currently building an E-Commerce website with a responsive chatbot.
- **Tools:** React.js, Node.js, Python, Flask, MySQL. Github

IEEE Computer Society Website   2025
- We developed the IEEE Computer Society website, designing an interactive and user friendly platform to enhance engagement and accessibility.
- **Tools:** React.js, Contentful CMS. Github
- **Website:** https://jathursi.github.io/Cs-landing-website/

IIS City Campus Website   2025
- I developed and maintaining the IIS City Campus website, ensuring smooth functionality and an improved user experience.
- **Tools:** React.js, Firebase, Contentful CMS Github
- **Website:** https://jathursi.github.io/IIS_City_Campus/

Vehicle Management (E-job Card) Website   2024
Undergraduate Team Software Development - Team Lead
- I led the development of a Vehicle Management (e-job card) project, creating a system to Manage vehicle services, maintenance records, and job cards, improving operational efficiency.
- **Tools:** React.js, Node.js, MySQL Github

Languages

Tamil: Native Language

English: Professional Level

Skills

Programming Languages: Python, JavaScript, Java, C++, PHP

Web Development: React.js, Node.js, Flutter

Databases: MySQL, MariaDB, MongoDB, Sequelize ORM

Tools & IDEs: Adobe Photoshop, Visual Studio, MATLAB, IntelliJ IDEA

Certifications

Certificate of participation: UoJCoders V3.0. University of Jaffna.	2024
30 Days Machine Learning. E-Learning, NoviTech. NT B1ML167	2024
Honours Diploma in Computer Application. Ramanathapuram, India.	2016
Certificate in Student Computer Package. Vethalai, Ramanathapuram, India.	2011

Attended Conference and Workshop

Google exploreCSR Symposium - CyberShield: Strengthening Digital Security and Awareness, Department of Computer Science,University of Jaffna	Oct 2024
Workshop on Mastering Deep Learning with Hands-On, IEEE Computer Society Student Branch Chapter, University of Jaffna	Aug 2024
Google exploreCSR Summer School on Machine Intelligence (GeSSoMI), Department of Computer Science, University of Jaffna, in collaboration with the University of Melbourne	Jun 2024
GeSSoMI-2024: Cyber security Bootcamp, IEEE WIE Student Branch Affinity Group of the University of Jaffna, University of Jaffna	Jun 2024
Sri Lanka Student Workshop on Computer Science (SL-SWCS'23), Department of Computer Science,University of Jaffna	Dec 2023

Experience

Temporary Junior System Administrator — 2025 - Present
IIS City Campus.

- Managing and maintaining IT infrastructure, ensuring smooth system operations.
- Providing technical support and troubleshooting system-related issues.

Workshops & Training

Speaker: Python Bootcamp — Feb 2025
IIS City Campus.

- Conducted training sessions on Python programming for students.
- Covered topics such as Python basics: variables, datatypes, conditional statements, loops, and functions.

Referees

Prof. M. Siyamalan
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