

# Jathursika Velummayilum

## Software Engineer

✉ jathukirubajathu@gmail.com ☎ +94 76 005 2687  
in LinkedIn ○ GitHub

### Profile

Software Engineer with seven months of hands-on experience in Full Stack development, focusing on building scalable APIs, implementing authentication systems, and integrating database-driven features. Currently learning DevOps practices to enhance deployment automation and CI/CD workflows. I look forward to applying my skills to real-world problems and continuously improving.

### Experience

**Internship** June 2025 – Present  
D P Infotech Private Ltd.

- Developing, maintaining, and debugging modules for a **.NET-based ERP system**, ensuring seamless integration with existing business workflows.
- Contributing to a **PHP-based MVC web application using the CodeIgniter framework** by implementing new features, optimizing performance, and fixing bugs to improve user experience.
- Developing full-stack web applications using the **Laravel framework** with **Blade templates** and AJAX for responsive, dynamic user experiences.
- Building a **Python desktop application** for automating routine tasks and streamlining business processes, enhancing efficiency for internal teams.
- Gaining hands-on experience in **full-stack development**, debugging techniques, and best practices in agile teamwork and project management.

### Education

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

### 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

### Projects

**Transformer-based skin lesion classification** 2025 - Present  
Undergraduate Research Project.

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

**E-Commerce Website with responsive Chatbot** 2025

- 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, Next.js, Flutter, .NET, Laravel

**Databases:** MySQL, MariaDB, MongoDB, Sequelize ORM, Oracle

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

**Platforms:** Windows, Linux

## Attended Conference and Workshop

---

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

## Referees

---

**Prof. M. Siyamalan**

Professor,  
Department of Computer Science,  
Faculty of Science,  
University of Jaffna.

☎ +94 76 706 4194

✉ siyam@univ.jfn.ac.lk

**Mr. A V J Mahesh**

Team Lead,  
DP Infotech (pvt) ltd,  
☎ +94 77 962 0358  
✉ Janakama@dpinfotech.lk