



JEFHRIN SPAHAN A M

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<https://www.linkedin.com/in/jefhrin-spahan/>

<https://jef04han.github.io>

- Undergrad Student currently pursuing my **Final Year** Bachelor of Technology at **Ponjesly College of Engineering**, Nagercoil
- Specialization in **Information Technology** – Batch of 2024
- Aspiring Python developer with a keen interest in integrating AI into my applications.

I'm a motivated student with big dreams of my own. As I figured out what to do to reach these goals, I've dabbled in all sorts of things, from doodling and making discord bots to messing around with video game modding. Eventually, I ended up getting into programming, tinkering with tech, and diving into AI and software development. My ultimate goal? To make it big in my career and start ticking off items on my life's to-do list.

CURRENT PROJECTS & EXPERIENCE

1. Team Leader @ Naan Mudhalvan Project Jan-May 2023

Jan' 2023 – May' 2023

Led a team of four members in the development of an advanced breast cancer prediction system using deep learning techniques. The project aimed to improve early detection and diagnosis of breast cancer, utilizing state-of-the-art machine learning algorithms. Collaborated with team members to design, implement, and evaluate the model's performance, contributing to the field of healthcare AI and early disease detection.

2. Member @ IGEN ENSAVECLUB COMMUNITY

Aug' 2023 - Present

THE INSTITUTION OF GREEN ENGINEERS (IGEN) Connects Green Professionals Worldwide, Working Towards SDG Goals for a Sustainable Greener Future!!

They are now a UNDESA NGO, 12A, 80G, CSR, and NITI Aayog accredited institution, and are working on the actions to help make the environment greener.

3. Team Leader @ Naan Mudhalvan Project Aug-Oct 2023

Aug' 2023 – Oct'2023

Led a team of four members in the development of an Employee Travel Approval Application using Salesforce. This project involved creating a streamlined and efficient process for employee travel requests and approvals within the organization. Worked collaboratively with the team to design, implement, and deploy the application, improving internal travel management and reducing administrative overhead.

4. Team Member @ Smart India Hackathon Project 2023

Sep' 2023 – Present

Contributed as a team member to the ideation and implementation of a system aimed at improving the quality of education in rural areas.

5. Team Member @ Smart India Hackathon Project 2022

Nov' 2022 – Mar'23

Contributed as a team member to the ideation of a waste management system. Worked collaboratively with a 4-member team to design a system aimed at efficiently managing waste and promoting environmental sustainability.

PERSONAL PROJECTS

1. AI powered UI generator

Sep' 2022 - Dec' 2022

My first proper project was creating a Python-based desktop application that harnesses the capabilities of AI. This application serves as a UI generator, generating user interfaces based on user prompts. It achieves this through the integration of the GPT-3.5 Turbo AI engine, providing efficient and user-centric UI design solutions.

2. **Personal Portfolio Page** Dec' 2022 - Present
My first proper portfolio page <https://jef04han.github.io> developed using CSS animations and JS to make it dynamic.
It is a Work in Progress.
3. **Various Discord Bots** Oct' 2020 - Present
A few years ago, in 2020, I developed a keen interest in creating Discord bots for private servers. I primarily work with Python to design and implement these bots. Additionally, I have experience working on public server bots, further enhancing my proficiency in bot development within the Discord platform. Most of them are closed source for now but after some technical fixes, I intend to convert it to Open Source.
3. **Desktop Tools** Jan' 2021 – Present
I dedicated time to developing small desktop tools using Python. These tools served various purposes. My experience in Python allowed me to create practical solutions for everyday tasks.
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EDUCATION QUALIFICATIONS

1. **Final Year – Bachelors of Technology** Sep' 2020 – Mar' 2024
currently pursuing
Information Technology
Ponjesly College of Engineering, Nagercoil, Tamil Nadu (<http://www.ponjesly.ac.in/>)
CGPA 8.60 – No Backlogs
Semester I - 8.76
Semester II - 9.12
Semester III - 9.16
Semester IV - 8.33
Semester V - 7.96
Semester VI - 8.30
2. **Higher Secondary Education – Grades 11 & 12** Jul' 2017 – Mar' 2019
Tamil Nadu State Board Education
Alphonsa Matriculation Higher Sec. School, Nagercoil, Tamil Nadu (<http://www.alphonsaschool.org/>)
Scored 74% in Grade 12 – Completed in Mar' 2019
3. **Primary and Secondary Education – Until Grade 10** Until Mar' 2017
Tamil Nadu State Board Education
St. Joseph Matriculation Higher Sec. School, Nagercoil, Tamil Nadu (<http://www.stjosephmhss-ngl.com/>)
Scored 94.6% in Grade 10 – Completed in Mar' 2017
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COLLEGE EXTRA-CURRICULARS

- Participated in various **Technical Symposiums** across various colleges throughout the 4 years.
 - Participated in **Smart India Hackathon** as mentioned before in 2022 and 2023.
 - Organising Committee Member in Technical Symposiums Conducted in Ponjesly College of Engineering.
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SCHOOL EXTRA-CURRICULARS

- Participated in various competitions and competitive exams throughout my school life ranging from academics, arts, sports. etc.
 - Was also a part of the School **Football** team until 10th Grade.
 - Participated in Chess Tournaments until 12th Grade.
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HOBBIES

- Reading (fav. Book: A Brief History of Time – Stephen Hawking)
 - Development
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- Space Science
- Game Modding
- ~~Soccer~~ Football

SKILLSET OVERVIEW

- Python Programming
- Back-end Development
- AI (Learning)
- Command Line
- Languages I know/ work with – Python, C and C++, Java, JavaScript, PHP, SQL, HTML and CSS, Git

FAMILY DETAILS

- Father – C Arul Jothi – Digital Media Marketing – Oasis Grace Multimedia Centre, Nagercoil
- Mother – K M Manjula – Teacher – St.Joseph Convent Higher Sec. School, Nagercoil
- Brother – Krissvanth Spahan A M – Currently pursuing his Grade 9 and is actively working towards his future goals.

PERMANENT ADDRESS

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