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## SKILLS

- Python
- Django
- HTML
- CSS
- JavaScript
- Bootstrap
- SQL
- Power BI
- Power Query
- DAX
- C
- C++
- Java
- MS office tools
- Git/GitHub
- Agile/Scrum

# SOWMYA

AYAROTTUPURA VELAYUDHANKUTTY

Python Developer

## OBJECTIVE

Graduate in Computer Science Engineering currently undergoing advanced training in Python development, including web frameworks, databases, IT security, cloud technologies and AI fundamentals. Seeking a challenging position to apply my existing technical foundation while gaining hands-on experience and deepening my expertise in software development, backend systems, and emerging technologies. Eager to contribute to a dynamic team and work on innovative, real-world solutions.

## ONGOING EDUCATION

**System developer Python and AI**

May 2025 -Feb 2026

*Lexicon IT-Proffs - vidareutbildning IT,Stockholm*

- **Programming & tools:** Python, Git, GitHub, Agile/Scrum
- **Web development:** HTML, CSS, Java Script, REST APIs, Django, Flask, UI/UX
- **Databases:** SQL (MySQL, SQLite), NoSQL (MongoDB, Cosmos DB).
- **IT Security:** Ethical hacking, penetration testing, encryption, social engineering, Kali Linux, OWASP practices.
- **Cloud & DevOps:** Microsoft Azure, Docker, Repl.it, DevOps tools
- **AI-900** – General AI tools from a Microsoft perspective.

## PROJECTS

### SkillSwap

FullStack (django)project at Lexicon

SkillSwap is a Django-based web platform where users can connect by offering or requesting skills – from music lessons and cooking to tutoring or learning a new language. The platform facilitates user interactions, messaging, and reviews, simulating a community-driven skill-sharing marketplace.

Tech Stack :

- Backend: Django (Python)
- Frontend: HTML, CSS, Bootstrap 4.6
- Database: SQLite (default, for development)
  - Other: Django Admin

### Personal Portfolio Website

Frontend project at Lexicon

This personal portfolio website presents my skills, learning journey, and projects in a professional format. It features a clean layout designed for visual clarity and easy navigation. Visitors can explore sections that highlight my projects, technical skills, Education and contact information. The site is fully responsive, offering a smooth and accessible experience across all screen sizes.

Tech Stack: HTML, CSS, JavaScript and Bootstrap

# STRENGTHS

- Problem Solving
- Analytical Abilities
- Self Motivated
- Willingness To Learn
- Flexible

# LANGUAGES

English	<div></div>
Swedish	<div></div>
Malayalam	<div></div>

## Bluemesh *B.Tech Final year Project*

Implemented a scattered network of bluetooth devices using Blue mesh protocol which can be used for establishment of scatternets.  
Language Stack : java

## Parameterized Aptitude Gauger *B.Tech Final year mini-Project*

A web based application focusing on conducting online examination for aptitude test, adaptive test for competitive exams, internal assessment and placement activities. A very flexible, competitive and complete application.  
Language Stack : .net , ASP, html

# PREVIOUS EDUCATIONS & TRAININGS

## SFX-IT Kurs D (Swedish For Programmers) May 2023 - Oct 2024 *C3L Tyresö komvux*

- It is a part of the **Swedish for Professionals** (SFX) initiative, aimed at integrating foreign-born programmers into Sweden's IT sector by combining Swedish language education with IT insights.
- Also attended the Orientation course within SFX-IT aligns programming skills with the Swedish job market, enhancing employability.

## Data Analytics Fundamentals May-Jun 2024 *Stockholms stad with IBM*

This programme aims to provide learners with a fundamental knowledge of data analytics and its role in modern technology ecosystems. Also

- Learning to use Tableau for data visualization.
- Acquiring proficiency in the programming language Python for data analysis(Numpy,Pandas,Matplotlib).
- Practicing querying language SQL for database management.

## Bachelor of Technology (Computer Science) 2010 - 2013 *Calicut University (India)*

Completed a four-year engineering program focused on core computer science and engineering principles, covering topics like programming, data structures, databases, and operating systems.  
Gained hands-on experience through labs and projects, with emphasis on problem-solving and industry-relevant skills.  
Technologies: C,C++,Java,SQL,HTML/CSS

## Diploma in Engineering (Computer Hardware Engineering) 2007 - 2010 *Technical Board Kerala (India)*

Completed a three-year diploma program covering computer hardware, system maintenance, networking, and basic software development.  
Gained practical experience through labs and a final year project, with emphasis on hands-on learning and foundational skills.  
Technologies: PC hardware, C,C++, Assembly Language, Operating systems, Networking, Microprocessor,

## INTERNSHIP *BSNL (India)*

Industrial training along with associated project work on telecom technologies

## REFERENCES

References are offered upon request