

Tejasmitha Kovuri

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SUMMARY

- A Computer Science student joined the International Exchange program, passionate about learning and experiencing emerging technologies.
- Skilled in Python, C, C++, HTML, CSS, JS, React, Kotlin.
- I have knowledge of understanding and creating Python, Cloud computing, Software design, and Web application projects.

EDUCATION

Blekinge Institute of Technology(BTH)

Bachelor of Science in Computer Science

Karlskrona, Sweden

Aug 2023 – Oct 2024

Sri Padmavati Mahila University(SPMVV)

Bachelor of Technology in Computer Science

Tirupati, India

Jan 2020 – Jul 2023

EXPERIENCE

Python Developer Intern

Internshala - Internship

Aug2022 - Sept2022

India

- specialized in utilizing intricate Python libraries tailored for sophisticated data handling, leveraging their capabilities to manage and complex datasets effectively.

Frontend Developer

Devtown - Training program

Sept2022 - Nov 2022

India

- gained experience by training and participating in developing a university website, contributing to its design, functionality, and user experience, ensuring effective communication and information dissemination.

AI & ML Intern

Lomaa - Internship

Feb2023 - Jun2023

India

- used GANs to generate realistic images and perform style transfer, experimenting with their ability to create visually appealing and diverse content through adversarial training.
- Build a recommendation system using collaborative filtering or content-based algorithms to suggest personalized content based on user preferences.

React Developer

Net Ninja- Training program

July2024 - Sept2022

Sweden

- attended the online lecture to learn and explore aspects like components, props, CLMs, JSON server, hooks, react tools, and capabilities by developing a Dojo-Blogs application.

Editor X Developer Intern

(remote)

Oct2024 - Ongoing

Sweden

- Designing and maintaining responsive web pages using Editor X, focusing on mobile-first design, SEO best practices, and seamless collaboration with design and marketing teams to enhance user experience and engagement.

PROJECTS

<u>Hospital Management system</u>	<i>.NET, C, MySQL</i>	SPMVV, India
<ul style="list-style-type: none">Developed a comprehensive hospital management system using C and MySQL, encompassing system and data analysis, application and system design, and visual aids such as data flow diagrams.		
<u>Campus Connect App</u>	<i>Kotlin, Android Studios</i>	BTH, Sweden
<ul style="list-style-type: none">Developed a student-friendly 'Campus Connect', an intuitive, responsive application with clear CTA, optimized performance, and visual consistency.		
<u>Python projects</u>	<i>Python, VS code, Jupyter Notebook</i>	BTH, Sweden
<ul style="list-style-type: none">Edge Detection: Detect image edges using masks for large pixel variations.Weather Simulation: Simulate real atmospheric conditions for weather study.COVID-19 simulation: Utilized a Markov Chain approach to model COVID-19 spread sheet, and visualized country-specific pandemic trends with Python, leveraging numpy and pandas.		
<u>Hosting a Web server</u>	<i>AWS</i>	BTH, Sweden
<ul style="list-style-type: none">Implemented auto-scaling and load balancing on an Amazon EC2 instance to optimize web server performance, enhance scalability, and evaluated by Benchmark test on AWS Cloud.		
<u>Mean Street</u>	<i>VS code, PlantUML</i>	BTH, Sweden
<ul style="list-style-type: none">Developed a city-wide art exhibition app featuring themed exploration, multimedia, Chatbot interactions, and item collection, implemented in Python with UML diagrams and test cases in VS code.		
<u>Research Works</u>	<i>Python, Google Collab, VS code, Lucidcharts</i>	BTH, Sweden
<ul style="list-style-type: none">Prediction of crop price using ML algorithms: Utilized Python to predict crop prices, employing Linear Regression and Support Vector Regression to provide accurate predictions to empower farmers based on a dataset in Kaggle.com.Designing a framework by evaluating the impact of Serverless Computing: A thesis work aims to create theoretical frameworks elucidating serverless computing's impact on web development, aiding developers with structured flowcharts for informed decision-making and strategy development.		

CERTIFICATIONS

- **Applied Python Programming** - INTERNSHALA(2022)
- **Introduction to Cloud Computing** - NPTEL(2022)
- **Frontend & Backend Development** - DEVTOWN(2022)
- **AI & ML** - LOMAA(2023)
- **Get started with Jira** - COURSERA(2024)

ACHIEVEMENTS:

- **Developer Student Club** - DEVTOWN(2022)
- **Microsoft Learn Student Ambassador** - DEVTOWN(2022)
- **National Hindi examinations** - DBHPS(2013-2016)

SKILLS

Languages : Telugu, English, Hindi, Swedish(Beginner)

Programming : Python, Java, C, C++, Kotlin

Web Tech tools : JavaScript, HTML, CSS, React, Node.js

Databases : MongoDB, SQL, MySQL

Technical Tools : Visual Studio Code, Tableau, Github, Jira, AWS, GCP, Matlab, Microsoft tools, Overleaf