

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 2021 – Jul 2023

EXPERIENCE

Python Developer Intern

Internshala - Internship

Aug 2022 - Oct 2022

India

- specialized in utilizing intricate Python libraries tailored for sophisticated data handling, leveraging their capabilities to manage complex data effectively. I got to know a deep understanding of OOPS, Connecting to SQLite Database, Developing a GUI with PyQt, Application of Python in Various Disciplines.

Frontend Developer

Devtown - Training program

Sept 2022 - 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.

Python & ML Intern

Lomaa - Internship

May 2023 - Jun 2023

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.

Editor X Developer Intern

(remote)

Oct 2024 - Jan 2025

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

Hospital Management system

.NET, C, MySQL

SPMVV, India

- 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.

Campus Connect App

Kotlin, Android Studios

BTH, Sweden

- Developed a student-friendly 'Campus Connect', an intuitive, responsive application with clear CTA, optimized performance, and visual consistency.

Python projects

Python, VS code, Jupyter Notebook

BTH, Sweden

- **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.

Hosting a Web server

AWS

BTH, Sweden

- 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.

Mean Street

VS code, PlantUML

BTH, Sweden

- 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.

Research Works

Python, Google Collab, VS code, Lucidcharts

BTH, Sweden

- **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.

JOBIFY - Job tracking system

React, ES6, Github, API, Node.js, Express, MongoDB, VS code

Udemy

- Mastered frameworks in the MERN stack, developed and deployed a job tracking system- JOBIFY application using React, Express, Node.js, and MongoDB.
- got expertise in front-end styling, API management, secure authentication, and full-stack integration.

CERTIFICATIONS

- **Applied Python Programming** - INTERNSHALA(2022)
- **Introduction to Cloud Computing** - NPTEL(2022)
- **AI & ML** - LOMAA(2023)
- **Get started with Jira** - COURSERA(2024)
- **MERN 2025 Edition - MongoDB, Express, React and NodeJS** - UDEMY(2025)

ACHIEVEMENTS:

- **Developer Student Club** - GDSC(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 & Design tools : JavaScript, HTML, CSS, React, Node.js, ES6, Wix, Editor X, WordPress, Webflow, Figma

Databases : MongoDB, SQL, MySQL

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