

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 – Ongoing

Sri Padmavati Mahila University(SPMVV)

Bachelor of Technology in Computer Science

Tirupati, India

Jan 2020 – Jul 2023

EXPERIENCE

Python Developer

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

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.

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.

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)

TECHNICAL SKILLS

Languages : JavaScript, Python, Java, HTML, CSS, C, C++, Kotlin, DevOps, React, Node.js, Linux, LaTeX

Databases : MongoDB, SQL, MySQL

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