

Shambhavi Jha

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EDUCATION

B.Tech, Computer Science Engineering

VIT Bhopal University (8 CGPA)

Expected May 2026

Shore, MP

Class XII, BSEB (82%)

Prabhat Tara Girls Sr. Sec School

July 2019 – May 2021

Muzaffarpur, Bihar

Class X, CBSE (89%)

Sanskriti Public School

May 2019

Motihari, Bihar

EXPERIENCE

Intern

Indian Space Lab

Dec 2024 – Jan 2025

Remote

- Contributed to R&D efforts in Air Taxi development, focusing on autonomous navigation systems.
- Developed CanSat and CubeSat components for student satellite projects.
- Analyzed celestial data using advanced telescopic equipment.

PROJECTS

Nutritionist

Full Stack Developer

March 2025 – Present

Remote

- Developed and deployed a **full-stack MERN application** for personalized nutrition management. .
- Implemented features like **user authentication and dynamic diet plan generation**, hosted on Vercel. .
- Showcased proficiency in **modern web technologies and cloud deployment** for a scalable health solution.

TaxAide —Modern Income Tax Calculator

Developer

2025

Remote

- Built a responsive web application for Indian income tax calculations for FY 2024-25 and 2025-26.
- Implemented dynamic tax computation logic supporting old and new regimes, including slab-wise calculations.
- Integrated features such as tax slab visualization, regime comparison, and personalized tax-saving tips.

Personal Finance Tracker

Full Stack Developer

2025

Remote

- Developed a MERN stack-based application for managing personal finances.
- Included features for expense tracking, budgeting, and income management.
- Implemented secure user authentication using JWT and OAuth support.
- Designed interactive charts and reports for financial visualization.

CERTIFICATES

Full Stack Developer MERN —Completed a comprehensive program focusing on MERN stack development. *SmartInternz*

Cloud Computing —Gained foundational and advanced knowledge of cloud computing concepts and services. *NPTEL*

Data Structures & Algorithms —Enhanced problem-solving skills through in-depth study of DSA concepts. *FACE Prep*

AWS APAC - Solutions Architecture —Learned architecture design principles and cloud best practices. *AWS APAC*

Data Science Tools —Acquired practical skills in data science tools and methodologies. *IBM*

TECHNICAL SKILLS

Languages: Java, Python, SQL, HTML/CSS, JavaScript, MERN Full Stack

Frameworks: React, Node.js

Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, Eclipse

Libraries: pandas, NumPy, Matplotlib