SHRUTI KUMARI

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EDUCATION

VIT Bhopal University   **Bhopal, Madhya Pradesh ,India**
Bachelor of Technology (Computer Science Engineering) Core   *2022-2026*

Indian Public School   **Hajipur, Bihar, India**
Secondary (12th) - CBSE   *2020-2021*

Indian Public School   **Hajipur, Bihar, India**
Higher Secondary (10th) - CBSE   *2018-2019*

PROJECTS

1. **WorkSync:**
   - Built a React-based task management web application featuring role-based dashboards for administrators and employees, streamlining task workflows and improving overall organizational efficiency by 30%.
   - Automated assignment, status updates, and tracking of 50+ tasks using Context API and localStorage, reducing manual tracking time by 40%.
   - **Tech Stack:** React, JavaScript, HTML, CSS, Context API , LocalStorage.

2. **NewsGuard: Real-Time Fake News Classifier:**
   - Developed a real-time fake news detection application leveraging logistic regression and natural language processing, achieving 92% accuracy in identifying misinformation from user-entered articles and text.
   - Enhanced user experience by implementing auto-refresh functionality, dark mode support, and a clean overlay-styled Streamlit UI, enabling seamless, real-time content analysis .
   - **Tech Stack:** Python, Streamlit, Scikit-learn, NLP

3. **PinHub:**
   - Engineered a Pinterest-inspired full-stack web platform using React (frontend), Node.js and Express.js (backend), and MongoDB with Mongoose (database), allowing users to seamlessly upload, view, and manage posts through an intuitive and responsive interface, following modern, scalable web development practices.
   - Integrated Passport.js-based authentication and CRUD operations, managing 100+ user-generated posts seamlessly.
   - **Tech Stack:** React, JavaScript, HTML, CSS, Node.js, Express.js, MongoDB, Mongoose, Passport.js

SKILLS

- **Languages:** Python, C, C++, Java, HTML, CSS, JavaScript
- **Frameworks & Libraries**: React, Streamlit, Scikit-learn, Node.js, Express.js
- **Concepts:** Data Structures and Algorithms (DSA), Natural Language Processing(NLP) , OOPS, Machine Learning, Artificial Intelligence (AI) , UI/UX
- **Technologies:** AWS, Figma, Canva
- **Database:** MySQL , MongoDB

ACHIEVEMENTS

- Advanced to Round 2 of Lam Research Challenge (Top 10% among participants)
- Ranked 294 out of 2000+ participants in Code Clash 2025 by Let's Code Community
- Advanced to Round 2 in Nokia 'Accelerate Her in Tech' Hackathon

CERTIFICATES

- Python Essentials Course by Vityarthi
- AWS Academy Cloud Foundations by *AWS Academy*
- IBM Data Analysis with Python
- NPTEL Cloud Computing