Palak Shukla

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Education

Vellore Institute of Technology   Bhopal, India
B.Tech in Computer Science and Engineering; GPA: 9.42/10   Sep 2022 - Ongoing

Navy Children School   Visakhapatnam, India
Class 12, CBSE, Percentage: 99%   Apr 2020 - Mar 2021

Navy Children School   Visakhapatnam, India
Class 10, CBSE, Percentage: 97.8%   Apr 2018 - Mar 2019

Experience

SDE Intern - TriniT.ai Technologies   Sep 2024 - Nov 2024
- Developed and optimized scalable web applications, enhancing user experience and performance for an edtech platform.
- Coordinated cross-functional efforts between technical and non-technical teams to align project goals with organizational vision.
- Used agile software development and tools like JIRA for sprint planning, task tracking, and delivering milestones on schedule.
- Collaborated with the Director and colleagues to deliver impactful seminars at college campuses, engaging students and driving awareness about edtech and AI applications.

Web Development Intern - Techbairn Research   Jun 2024
- Worked on a wallet application, focusing on session management and cookie handling for secure transactions.
- Designed the application using the Object-Oriented Programming (OOP) approach.
- Researched and implemented hybrid app strategies, enhancing compatibility and performance across platforms.
- Optimized web app responsiveness, ensuring dynamic functionality during buffering or high-load scenarios.

Projects

Live Health Data Analytics
- Analyzed the correlation between lifestyle factors (study hours, screen time) and mental health metrics (depression, well-being, happiness).
- Applied statistical algorithms to identify patterns in live mental health data.
- Created visualizations to highlight key factors influencing mental health, enabling informed decision-making.

Doctor Appointment Booking System
- We developed a Doctor Appointment Booking System using HTML, CSS, React, and Node.js with separate login portals for admin, doctors, and patients. It was a group project where I worked on the Database.
- Allowed patients to book appointments by selecting time, doctor, and department.
- I was responsible for the database management for the project where I used SQL for database design and implementation.

Technical Skills

- Java
- Git & GitHub
- Javascript
- React
- HTML & CSS
- MySQL
- Python
- Machine Learning
- DSA
- Mathematics

Hobbies

- Dancing
- Anchoring and Hosting Events
- Solo and Group Travelling

Awards and achievements

- Among Top 3 teams in Codex Hackathon organized by Cisco Community VITB.
- Established the Focus Target Group (FTG) at IEEE VITB Student Branch and served as the department representative.

Certifications

- NPTEL Cloud Computing (Among top 1%)
- Bits and Bytes of Computer Networking (Coursera)
- Python Essentials (VITyarthi)