Rohan Shah

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EDUCATION

GRAPHIC ERA UNIVERSITY
Bachelor of Computer Applications (BCA)
August 2023 - June 2026 | Dehradun, India
Status: Currently Pursuing

EXPERIENCE

MAKE A DIFFERENCE (NGO) | Fellow – Part-Time Volunteer Teacher
July 2024 – Present | Dehradun, India
- Selected as a fellow for Make A Difference, a non-profit focused on improving education for underprivileged children.
- Teach academic and life skills to school-aged students as part of a structured program.
- Conduct weekend sessions in English and Maths to help students build confidence and communication.
- Collaborate with other fellows and mentors to plan, evaluate, and improve learning outcomes.

PROJECTS

VASTRAA – E-COMMERCE WEBSITE | HTML, CSS, JavaScript / React (Frontend), Chatbot Integration
Feb 2024 – Apr 2024
- Designed and developed an e-commerce website "Vastraa" for fashion products with features like product listings, shopping cart, and responsive UI.
- Integrated a smart chatbot to assist with order tracking, returns, size guidance, and product recommendations.
- Implemented search filters, promotional alerts, and planned AI-based features such as visual search and stock availability checker.
- Created a detailed project report covering technical architecture, UI design, chatbot integration, and future roadmap.

PERSONAL PORTFOLIO WEBSITE | React, Tailwind CSS, GitHub, Markdown
May 2024 – Present
- Built a dynamic personal portfolio website to showcase skills, projects, blog posts, and certifications.
- Integrated dark mode, responsive layout, smooth scroll navigation, and a mobile hamburger menu.
- Developed a blog system using Markdown and React to publish articles with animation and "Read More" features.
- Hosted on Netlify with custom domain, GitHub integration, and downloadable resume section.

SKILLS

PROGRAMMING
Over 5000 lines:
Python • Java • C/C++
Over 1000 lines:
Matplotlib • Tailwind CSS • Javascript
Pandas • NumPy
Familiar:
Flutter • ReactJS • MySQL • Shell

VCS & BUILD TOOLS
Git • Github Actions

ACHIEVEMENTS & CERTIFICATIONS

2024 Data Structures and Algorithms – PW Skills
2023 HTML, CSS, JS Certification – freeCodeCamp
2023 Python Basics – HackerRank

COURSEWORK

Data Structures and Algorithms
Object Oriented Programming (OOP)
Database Management Systems (DBMS)
Computer Networks
Operating Systems
Software Engineering
Python Programming
Web Development (HTML, CSS, JavaScript)
Data Analysis with Python
Computer Organization
Management Information Systems
Cloud Computing (Basics)

ACTIVITIES

Fellow at Make A Difference NGO – Teaching underprivileged students
Active contributor on GitHub – Personal academic projects
Self-learning through PW Skills, freeCodeCamp, YouTube
Participated in online hackathons and coding challenges
Built deployed personal portfolio using React and Tailwind CSS