Prachi

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Education

United Institute of Technology, Prayagraj   2020 – 2024
BACHELOR OF TECHNOLOGY in *Computer Science & Engineering*, (8.31)

Projects

Garbage Detection using AI   Aug 2023 – Jun 2024
- Implemented the garbage detection and classification algorithms using *image processing* techniques and *machine learning* models.
- Integrated the *React Native* framework to develop a cross-platform mobile application compatible with *Android* devices.
- Integrated *map functionality* to mark the location of identified garbage on a map for better visualization and tracking.

Dice-Roller 🔗   Mar 2023
- Implemented the dice rolling logic to generate a random number between 1 and 6, accurately simulating the randomness of a physical dice roll.
- Designed and developed the user interface using *React Native* components.

Railway Reservation System 🔗   May 2022 – Jun 2022
- Led a team of three members throughout the development process and *won first place* in the CodeChanakaya *Hackathon*.
- Developed the home page, about us page, services page, and login/register page, using technologies such as *HTML, CSS, and JavaScript*

Work Experience

SEED Global Education   Apr 2024 – Jun 2024
Full Stack Developer
- Developed and maintained full-stack web applications for SEED Global Education

The Indian Conclave 🔗   Aug 2023 – Mar 2024
Executive- Technology
- **Certificate Generator Project** 🔗 **:** Designed user-friendly interface and automated certificate creation, reducing administrative workload by 30% and improving accuracy.
- **Excellencia Ideation Challenge Website** 🔗 **:** Developed user-friendly interface for seamless participation in the challenge.
- **Automated Event Scheduling Tool:** Leading development of automated web tool to streamline event scheduling for educational institutions, enhancing efficiency and reducing conflicts.

Code Clause 🔗   Feb 2023 – May 2023
Frontend Development Intern
- Developed the front-end components and user interface for the URL shortener project, using *HTML, CSS, and JavaScript*.
- Successfully completed the internship program, gaining hands-on experience in *front-end development*.
- Familiarity with file transfer tools like *FileZilla* for transferring files and deploying web applications.

Skills

- **Programming Languages :** C Language, Python, HTML+CSS, Javascript
- **Relevent Coursework :** Data Structures & Algorithm, Object Oriented Programming, Database Management System
- **Framework/Libraries :** React-native, OpenCV

ACCOMPLISHMENTS

Springer Publication
  Published a Research Paper in **5th DOCTORAL SYMPOSIUM ON COMPUTATIONAL INTELLIGENCE** (Do-SCI-2024)

Spokesperson of the Student Club 🔗
  Represented the Student Club in diverse events, meetings, and activities, skillfully advancing the club's goals and initiatives while also *anchoring* multiple club-organized events.

Best Speaker in Debate Competition
  Awarded Best Speaker for skillfully delivering persuasive speeches that captivated the audience.

1st position in CodeChanakya hackathon, 🔗
  Spearheaded a triumphant three-member team in the CodeChanakya hackathon, securing first place.

Member of Google Developer Student Club 🔗
  Successfully completed **Google Cloud Career Practitioners Pathway campaign 2022**

Solved 200+ problems on Leetcode 🔗
  Successfully solving over **200+ problems on Leetcode**, a platform renowned for coding challenges and algorithmic problem-solving.

Kho-Kho
  Achieved **Silver Medal** as Kho Kho Team **Captain** at Zonals, an inter-college competition.

HOBBIES & INTERESTS

  Playing **Kho-Kho** and **Badminton** | **Yoga** | **Music**