Shikha Raj

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EDUCATION

- **Kalinga Institute of Industrial Technology**   Bhubaneswar, India
  B.Tech in Computer Science and Engineering; GPA: 8.60/10.0   *Sep 2020 - June 2024*
- **Infant Jesus School**   Patna, India
  Central Board of Secondary Education (CBSE - XII) | 91%   *July 2018 - May 2020*
- **St. Joseph's Convent High School**   Patna, India
  Indian Certificate of Secondary Education (ICSE - X) | 90.6%   *April 2017 - April 2018*

TECHNICAL SKILLS

- **Programming Languages**: C, C++, Java, Python, Javascript, SQL
- **Technologies and Frameworks**: React, Node, Express, HTML, CSS, Bootstrap, jQuery, Git, Git hub, MongoDB, AWS
- **Computer Fundamentals**: Data Structures and Algorithms, OOPs(C++), OS, DBMS
- **Area of Interest**: Competitive Programming, Web Development, Cloud Computing

EXPERIENCE

Celebal Technologies | Cloud infra and Security Intern   *May 2023 - July 2023*
- Collaborating with a team of professionals to implement and maintain secure cloud solutions.
- Assisting in the configuration and optimization of cloud-based systems and services.
- Participating in security assessments and vulnerability scanning to identify potential risks and recommend mitigation strategies.
- Contributing to the documentation of best practices and standard operating procedures in cloud infrastructure management and security.

GirlScript Summer of Code(GSSoC'23) | Open Source Contributor   *May 2023 - Aug 2023*
- Collaborated with a diverse team of developers, making valuable contributions to projects named Moksh and UMatter and enhancing its functionality.
- Demonstrated strong problem-solving skills by identifying and resolving coding issues, resulting in improved functionality and code quality for the project Moksh and UMatter.
- Actively engaged in code reviews, addressing feedback, and improving code quality to ensure high standards were met.

The Sparks Foundation | Web Development Intern   *Dec 2022 - Jan 2023*
- Collaborated with a team to design and develop responsive web application.
- Utilized HTML, CSS, and JavaScript to create interactive and visually appealing user interfaces.
- Implemented functionality and conducted rigorous testing to ensure optimal performance and user experience.

PROJECTS

Notes Tracker
- Developed a user-friendly and efficient note-taking application to help users organize and manage their important information, ideas, and reminders.
- Implemented a clean and intuitive interface using **HTML, CSS, and JavaScript**.
- Utilized **React.js** to enhance interactivity and provide a smooth user experience.

WeatherZen
- Designed and built a weather viewer application that retrieves real-time weather data from the **OpenWeatherMap API**.
- Created a visually appealing and user-friendly interface using HTML, CSS, and JavaScript.
- Demonstrated proficiency in working with APIs to fetch and display dynamic information.

Tasteproz
- Co-developed a food delivery application, enabling users to sign up and conveniently order their favorite dishes online.
- Utilized a technology stack comprising HTML, CSS, JavaScript, Bootstrap, jQuery, SQL, and PHP.
- **Collaborated within a team** to implement essential features and ensure a seamless user experience.

The Simon Game
- Developed an engaging game of lights and sounds, challenging players to repeat random sequences of lights by pressing colored pads in the correct order.
- Built the game using HTML, CSS, JavaScript, **Bootstrap and jQuery**.
- Demonstrated problem-solving abilities and attention to detail in designing an interactive and enjoyable user interface.

ACHIEVEMENTS AND CERTIFICATIONS

- Champion Badge - level 5 at Code studio
- 5-star cpp coder at HackerRank
- HackerRank Problem Solving (Basic)
- HackerRank Problem Solving (Intermediate)
- HackerRank SQL (Intermediate)