Sahil Kumar Sharma

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ABOUT ME

Passionate software engineer skilled in Python, Java, JavaScript, C and ReactJS. Experienced in scalable systems and data analysis using Pandas and Matplotlib. Eager to tackle challenges at Google, contributing to innovative projects and collaborating on large-scale applications and AI technologies to impact millions of users.

WORK EXPERIENCES

HealthOReview

Web Designer & Developer| April, 2023 - July 2023

- Engineered scalable web applications using ReactJS, JavaScript, and Python, optimizing performance and ensuring high availability for thousands of users.
- Collaborated with cross-functional teams to troubleshoot and resolve critical technical issues, significantly enhancing system reliability and user satisfaction.
- Utilized data analysis tools (Pandas, Matplotlib) to drive insights from user data, leading to a 20% improvement in user engagement and feature adoption.

PROJECTS

Scripts Adder Plugin - WordPress   [GitHub](#)
- Developed a lightweight WordPress plugin to integrate custom scripts into the header of themes, ensuring seamless functionality with themes that include a header.php file.
- Implemented a user-friendly settings page in the WordPress admin area for easy script management and customization.
- Ensured compatibility and smooth integration by recommending theme requirements and providing clear installation and usage instructions.

React-Based E-commerce Application   [Live](#) [GitHub](#)
- Developed a modern React-based e-commerce platform with Firebase integration for real-time database management and secure user authentication.
- Integrated Stripe for secure payment processing, supporting multiple payment methods to enhance user trust and transaction security.
- Designed and implemented a responsive UI to ensure a seamless and consistent shopping experience across desktop and mobile devices.

Brick Breaker Game   [Live](#) [GitHub](#)
- Developed and animated game elements using HTML5 Canvas and JavaScript, including paddle, ball, and bricks.
- Implemented collision detection algorithms for interactions between the ball, paddle, and bricks.
- Handled real-time keyboard input for paddle movement and game control.

SKILLS

- **Programming Languages**: Python, Java, JavaScript
- **Frameworks and Libraries**: ReactJS
- **Data Analysis and Visualization**: Pandas, Matplotlib
- **Database Management**: MySQL, Oracle
- **Core Competencies**: Data Structures and Algorithms, Scalable Systems Development

CERTIFICATIONS

Microsoft Student Ambassadors
Azure Fundamentals Cloud Skill Challenge

Udemy
LeetCode in Java: Algorithms Coding Interview Questions

AWS Academy
Cloud Foundation & Architecting

EDUCATION

2021 - 2025 | ITER, Siksha 'O' Anusandhan University
Bachelor of Technology in Computer Science