

Sahil Sangwan

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Experience

Backend Engineer Intern

May 2024 – July 2024

AlgoTutor

Bengaluru

- Optimized the backend of the code editor, resulting in a 50% reduction in response time for code execution requests.
- Implemented error handling and logging features that decreased system downtime by 40%, enhancing overall system reliability.
- Assisted in handling over 200 user queries related to backend issues, achieving a 95% satisfaction rate based on feedback surveys.

Frontend Engineer Intern

January 2024 – April 2024

Techfinad

Noida, Uttar Pradesh

- Contributed to the "About" section of the website, resulting in a 25% increase in user engagement metrics, as measured by time spent on the page
- Collaborated with a team of 5 developers to integrate responsive design features, achieving a 40% reduction in bounce rates on mobile devices.

Teaching Assistant

January 2024 – Present

AlgoTutor

- Successfully resolved doubts for over 400 students in Data Structures and Algorithms (DSA) and development, contributing to a 90% satisfaction rate in student feedback.
- Conducted DSA classes for 150+ students at the BUEST University, leading to a 50% improvement in their understanding of core concepts of DSA

PROJECTS

AgriBid (Farmer-Buyer Portal) | *Node js,,MongoDB, Git* | [Github](#)

Jan 2024 – May 2024

- Integrated AI algorithms to analyze market trends, enabling farmers to make data-driven decisions, potentially increasing their crop sales by up to 30% based on demand predictions.
- Conducted user testing with 50 farmers, gathering feedback that indicated a 90% interest in using the platform for selling crops and accessing market information.
- Showcased a 60% reduction in time spent by farmers on market research, highlighting the potential for improved decision-making through the portal's features.

Ecommerce Website of Fabric India | *Node js,,MongoDB, Git* | [Github](#)

May 2024 -Present

- Developed an e-commerce platform that enabled Fabric India to sell products directly on its website, resulting in a projected 25% increase in online sales within the first quarter.
- Implemented user-friendly features such as advanced search and filtering options, improving customer engagement metrics by 40%, as measured by average session duration.
- Integrated inventory management and order processing systems, reducing order fulfillment time by 30%, which enhanced overall operational efficiency.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres)(MongoDB), JavaScript, HTML/CSS, R

Frameworks: React, Node.js, WordPress, Material-UI, RestAPI

Developer Tools: Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

EDUCATION

Lovely Professional University

Jalandhar, Punjab

Bachelor of technology in Computer Science Cgpa- 8.79

July. 2022 – Present

CODING PROFILES

Leetcode: Solved 300+ question with max 200 active days and 135 days strike

Code 360: Solved 1650 question 550 coding and 1100 mcq with max 300 active days