

SAIKAT DAS

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[LinkeDin-Saikat](#)

[Saikat_Protfolio](#)

[GitHub-Rep](#)

ABOUT ME

INNOVATIVE SOFTWARE ENGINEER WITH A STRONG FOUNDATION IN PROGRAMMING AND PROBLEM-SOLVING. PROFICIENT IN MULTIPLE PROGRAMMING LANGUAGES AND DEVELOPMENT TOOLS. EXPERIENCED IN FULL-STACK DEVELOPMENT, AGILE METHODOLOGIES, AND SOFTWARE TESTING. PROVEN ABILITY TO DESIGN AND IMPLEMENT SCALABLE, EFFICIENT, AND MAINTAINABLE SOFTWARE SOLUTIONS, PASSIONATE ABOUT STAYING UP-TO-DATE WITH EMERGING TECHNOLOGIES AND COLLABORATING WITH CROSS-FUNCTIONAL TEAMS TO DELIVER CUTTING-EDGE PRODUCTS.

SKILLS

Operating System Windows, Linux

Web Development HTML, Javascript, CSS, Rest API, Amazon Web Services(AWS)

Softwares Git, SQL, LaTeX

Programming Languages C++, Java, Python, C

Big Data Hadoop, Apache Spark

Other Technologies Machine Learning Algorithms, NLP, Deep Learning, Digital Image Processing, Digital Signal Processing

FreamWork React JS, Node.Js, Express Js, MongoDB

Database NoSQL, PostgreSQL

Other Teaching Assistant, Public Speaking

EDUCATION

**INDIAN INSTITUTE OF
TECHNOLOGY JAMMU(IIT JAMMU)**

M.Tech in Computer Science

Expected june 2024 | CGPA 8.1

**TECHNO INTERNATIONAL NEW
TOWN**

B.Tech in ECE

2016 - 2020 | CGPA 7.72

PROJECTS

FoodHub - A Dynamic Food Delivery App (Jan 2024)

- Technologies Used: HTML, CSS, JavaScript, MongoDB, React.js, Node.js, Express, JSON
- Full-fledged authentication system for secure user logins and sign-ups.
- Seamless dynamic content updates on app reload.
- All food items change automatically, providing a fresh and engaging user experience.
- Direct integration with MongoDB database for efficient storage and retrieval of food data.
- Real-time synchronization between the app and the database.
- A responsive website that adapts to various screen sizes and devices, ensuring a consistent user experience.
- [Link](#)

MERN Hotel Booking App (Jun 2023)

- MERN (MongoDB, Express.js, React, Node.js) and Rest API for a seamless full-stack experience.
- Utilize JSON Web Tokens (JWT) and HTTP cookies for robust user authentication, ensuring data security.
- Implement sophisticated search, sorting, and filtering options for an enhanced user experience.
- Integrate Stripe for secure and seamless payment processing, adhering to industry standards.
- Enable users to upload hotel reviews and photos, creating a dynamic and interactive platform.
- [Link](#)

Dynamic Weather Website (Sep 2023)

- Developed a web app to display real-time weather information using HTML, CSS, and JavaScript.
- Utilized Node.js for back-end functionality and integrated real-time weather APIs for data updates.
- Designed a user-friendly and responsive interface for easy interaction across various devices.
- [Link](#)

Conversational Fashion Outfit Generator (Mar 2023 - Sept 2023)

- Developed Conversational Fashion Outfit Generator with Gen AI, finetuned using social media trends and user data.
- Integrated web crawlers to source data from Instagram, Pinterest, and Flipkart for outfit recommendations.
- Utilized pre-trained SDXL model for accurate fashion recommendations based on individual style and preferences.
- Ensured continuous user engagement by incorporating feedback and improvements to enhance user satisfaction.
- Implemented image-based product similarity feature using Euclidean distance, linking users to the top 5 similar products on Flipkart
- [Link](#)

SCHOLASTIC ACHIEVEMENTS

- GATE Qualified in 2021 (AIR - 539)
- Principles of Communication System 1 got 85% marks from IIT Kharagpur.

ADDITIONAL DETAILS

- Completed a course on [Supervised Machine Learning](#) authorized by DeepLearning.AI and Stanford University.
 - Completed [Full Stack Web Development](#) course from Udemy.
 - Excellent problem-solving skills coding profile -
 - [GeeksForGeeks](#) Rank 3
 - [Hackerrank](#) 5 Star
 - [Leetcode](#) Rank1443
 - Challenge to solve [90 questions from 6 companies](#) in 30 days
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