

SAIKAT DAS

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SKILLS

Operating System: Windows, Linux

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

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

Database: NoSQL, PostgreSQL

Software: Git, SQL, LaTeX

Programming Languages: C++, Java, Python, C

Big Data: Hadoop, Apache Spark, Kafka

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

Data Visualization: Experience with tools like Tableau, Power BI, or Matplotlib for creating visualizations.

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

RELEVANT COURSES

- Discrete Mathematics
- Data Structures
- Advanced Algorithms
- DBMS
- Object-Oriented Programming
- Artificial Intelligence
- Machine Learning

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

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.

WORK EXPERIENCE

Software Developer Intern, Bangalore (Jul2023-Dec2023) Pegasystems

- Developed a rule for logo and font integration, allowing users to input links for automatic attachment 80% of the previous.
- Implemented URL validation using regex to ensure the 90% accuracy of the provided links.
- Utilized [React.js](#), [Redux](#), and [TypeScript](#) to create interactive components, 60% to 80% increase product usability and interactivity.
- Unit Testing and Agile Test Case Development, achieving over 80% code coverage, for [EmailSummaryList](#) functionality.

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.
- 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**.
- [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](#)

[GitHub Repo](#) for more projects.