

Sayantant Paul

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Kolkata, India

LinkedIn

Github

Leetcode

EDUCATION

- **MCKV Institute of Engineering** Kolkata, West Bengal, India
Bachelor of Technology - Information Technology; GPA: 8.78
Courses: Data Structures and Algorithms, Object-Oriented Programming, Machine Learning, Database Management Systems, Operating Systems
Nov 2020 - Sep 2024
- **Uttarpara Amarendra Vidyapith** Hooghly, West Bengal, India
West Bengal Council of Higher Secondary Education ; Grade: 65.4
May 2018 - Jul 2020
- **Uttarpara Amarendra Vidyapith** Hooghly, West Bengal, India
West Bengal Board of Secondary Education; Grade: 79.8
Jan 2008 - Mar 2018

EXPERIENCE

- **Paraheights Technologies**
Frontend Developer Intern Apr 2024 - Present
 - **Scalability:** Contributed to migrating the company's internal website from React.js to Next.js, resulting in a 30% improvement in efficiency and scalability. Implemented optimized code structures, enhancing performance and developer experience.
 - **Omni-Channel Communication System:** Collaborated with the team to build robust omni-channel communication system integrating IVRS, WhatsApp messages, and app notifications, enhancing user engagement and communication efficiency.
 - **Internal Training/Course Builder:** Currently developing an Internal Training/Course Builder tool aimed to manage company's internal courses to streamline the training setup process aiming to reduce time by 20% and increase training effectiveness .

SKILLS

- **Programming Languages:** JavaScript, C++, Python
- **Frameworks:** React, NextJS, TailwindCSS, Redux, Node.js, Express.js, MongoDB, Mongoose, JWT
- **Tools and Technologies:** Microsoft Visual Studio, Git, GitHub, AWS, npm, Sanity CMS, Firebase
- **Soft Skills:** Content writing, Debugging, Collaboration, Open-Mindedness

PROJECTS

- **Profile Authentication (Node.js, MongoDB, Nodemailer, JWT, React)**
 - Developed a custom user authentication system utilizing JWT tokens and protected routes. Users can register, login, reset passwords, and update profile details and images through an intuitive UI. Integrated Nodemailer for real-time email notifications and utilized MongoDB for robust user data management, ensuring seamless and secure user experiences. **(Project Link)**
- **NoSpam. (Python, Flask, Scikit-learn, Next.js, Tailwind CSS)**
 - This application consists of two different sections - spam detection (identify and flag spam, inappropriate, and promotional messages), and identifying the user's sentimental behavior based on their vocal input. Utilized a Naive Bayes machine learning model from Scikit-learn with Flask for processing, and integrated NextAuth.js for efficient user authentication. **(Project Link)**
- **SpaceDev (Next.js, Tailwind CSS, Firebase Storage)**
 - Created a blogging platform enabling users to publish articles and connect globally. Integrated Firebase into Next.js for user authentication, image storage, and data management, enhancing platform functionality and user experience. **(Project Link)**
- **Wind-mill (React, Tailwind CSS)**
 - This web application displays real-time weather conditions of any city. Implemented a custom React hook for fetching and parsing API data, enhancing user experience with dynamic backgrounds based on weather conditions. **(Project Link)**

ACHIEVEMENTS

- Flipkart GRiD 5.0 Semi-Finalist: Selected amongst top 30,000 out of 400,000 teams across India and the US. - Aug 2023
- AWS ML Scholarship: Received a scholarship voucher from AWS Machine Learning Foundation. - Oct 2022
- HTM 3.0: Presented an innovative solution in Hack the Mountains by Sudan's Tech for the 2022 session. - Sep 2022