Sayantan Paul

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Kolkata, India
LinkedIn
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EDUCATION

MCKV Institute of Engineering — Kolkata, West Bengal, India
Bachelor's of Technology - Information Technology; GPA: 8.78 — *Nov 2020 - Sep 2024*
Courses: *Data Structures and Algorithms, Object Oriented Programming, Machine Learning, Database Management Systems, Operating Systems*

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

Freelance
Front-end Developer — *Oct 2023 - Dec 2023*

- **Scalability**: Engineered responsive web designs for a digital agency startup (NDA). Enhanced website performance by implementing code splitting and reducing bundle size, making 30% improvement in load times.

SKILLS

- **Programming Languages**: JavaScript, C++, Python

- **Frameworks**: React, NextJS, TailwindCSS, Sass, 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, Adaptability

PROJECTS

- **Profile Authentication (Node.js, MongoDB, Nodemailer, Jwt, React)**
  - Custom User authentication system with JWT token and protected Routes, allowing users to register, login, reset passwords, and update profile details and images through a user-friendly ui.
  - Integrated Node Mailer for real-time email notifications and leveraged MongoDB for robust user data management, ensuring a seamless and secure user experience. **(Project Link)**

- **NoSpam. (Python, Flask, Sk-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.
  - Comprised Naive Bayes machine learning model from sk-learn in conjunction with the Flask library to process results and utilized NextAuthJS for efficient user authentication. **(Project Link)**

- **Space Dev (Next.js, Tailwind CSS, Firebase Storage)**
  - Constructed a blogging platform facilitating users to publish articles and cultivate connections with the global community, similar to medium platform architecture.
  - Integrated Firebase with the Next.js app, allowing for features like user authentication, image storage, and data manipulation. **(Project Link)**

- **Wind-mill (React, Tailwind CSS)**
  - This web application displays real-time weather conditions of any city. It features a custom React hook for fetching and parsing API data and enhancing the user experience with custom backgrounds based on the weather of the selected city. **(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 : Chosen to receive scholarship voucher of AWS Machine Learning Foundation. - Oct 2022

- HTM 3.0 : Presented Innovative solution in Hack the Mountains by Sudan's Tech for the 2022 session. - Sep 2022