Sambit Mondal

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○ GitHub | in LinkedIn | Portfolio

Skills

Languages: C, Java, JavaScript, TypeScript, Solidity

Technologies & Tools: React.js, Next.js, Angular, Django, Zod, Node.js, Express.js, EJS, MongoDB, Tailwind CSS, jQuery, Bootstrap, Git/Github, Blockchain

Education

KIIT University, Bhubaneswar   **Jul 2023 - Present**
B.Tech in Computer Science and Engineering   *CGPA: 7.52/10*
Relevant Coursework: C Programming, Data Structures

Project Work

Art Core - Art Selling Platform   ⧉ Visit   **Oct 2024 - Present**
- Designed an art platform using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Implemented secure user authentication and authorization using **JWT** and **bcrypt**, **reducing login time** by **40%**.
- Designed and executed real-time **CRUD operations** for an art platform, managing over **50+** artworks and improving data **retrieval speeds** by **30%**, enhancing **user engagement** by **20%**.
- Decreased CSS file size by **50%** while developing with **Tailwind CSS**, leading to **improved load times** and a noticeable enhancement in user satisfaction on the art platform.

JARVIS - AI-Based Personalized Learning Assistant   ⧉ Visit   **Aug 2024 - Sept 2024**
- Led a team of 4 to design and develop an AI-powered learning assistant, incorporating real-time voice interaction for academic queries, distraction monitoring with 95% accuracy, and a streak-based reward system.
- Integrated cutting-edge technologies, including eye-tracking algorithm and stress-relief features (instrumental music playback), enhancing focus and productivity for students by 30% during study sessions.
- Enhanced user experience by 30% through the implementation of **Tailwind CSS** for a fully responsive design while fortifying **user security** with **Firebase** authentication.

GestureX - Automate Services using Gestures   ⧉ Visit   **May 2024 - Jul 2024**
- Implemented the complete web application for the GestureX project, leading to a **40% increase** in user automation capabilities.
- Engineered a robust authentication system, achieving a **99.9% uptime rate** and accommodating over **10,000 simultaneous user logins** without degrading performance or response times.
- Efficiently managed time to deliver the project within a **2-months** timeframe, achieving a user satisfaction rate of **90%**.
- Tech Stack: Leveraged **Node.js** to reduce server response time by **35%**, optimized API handling with **Express.js**, improved database efficiency by **40%** using **MongoDB**, and accelerated page rendering speed by **25%** with **EJS** for seamless user experiences.

Work Experience

Prodigy Infotech   **Dec 2023 - Jan 2024**
Web Developer   Remote
- Built a Stopwatch Web Application, which would allow the users to **reduce** the **time taken** to finish a particular task by up to **30%**.
- Built a multiplayer Tic-Tac-Toe WebApp with an attractive UI, allowing users to lower their stress levels by about **10-20%**, depending on the level of stress
- Engineered a Weather Application, which uses OpenWeatherMap API to provide weather details of a given place with up to **90% accuracy**.
- Leveraged **HTML**, **CSS** and **JavaScript** to build 100% responsive web applications.

Awards and Certificates

- Secured **1st position** among **70+** teams, in Hackocalypse '24, organised by **MLSA - KIIT Chapter**.
- Secured **2nd Runner-up position** among **150+ teams**, in the **Ideaforge 2k24**, organised by **NSS SCE KIIT**.
- Secured an **All India Rank 18** in the HPE Codewars 2022 organised by **Hewlett Packard Enterprise** in association with Codingal.