SANTU JANA

Full stack Developer

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SUMMARY

Full Stack Developer with 3+ years of hands-on experience building scalable web applications using modern technologies. Proficient in both front-end and back-end development, with strong expertise in React.js, Next.js, Node.js, Express.js, MySQL and MongoDB. Skilled in designing responsive user interfaces, developing RESTful APIs, and managing relational and NoSQL databases. Adept at working in collaborative environments, solving complex technical problems, and delivering high-quality code that meets business goals. Passionate about learning new tools and contributing to full-cycle software development.

EDUCATION

M.Sc. in Computer Science

Vidyasagar Unversity

📅 2019 - 2021   📍 West Medinipur, West Bengal

CGPA
9.15 / 10.0

EXPERIENCE

Full stack Developer

Bluehorse Software Solutions Private Limited

📅 2023 - Present   📍 West Medinipur, West Bengal

Bluehorse software solutions is a technology company specializing in custom scalable applications and end-to-end e-commerce solutions for clients across various industries. As a full stack developer, I play a key role in designing, developing, and deploying web applications that align with client goals and performance standards.

- Developed and maintained end-to-end web applications using React.js, Node.js, Express.js and Full stack application using Next.js.
- Designed and implemented RESTful APIs and integrated third-party services to streamline business workflows.
- Created responsive and accessible UI components using modern front-end practices and component-based architecture.
- Implemented robust authentication and Authorization using JWT, OAuth, and session-based strategies to ensure secure user access and role-based permissions.
- Built and optimized MySQL and MongoDB databases, including schema design, indexing, and data migration.
- Collaborated with cross-functional teams (UI/UX, QA, DevOps) in agile sprints to deliver features on schedule.
- Troubleshot and debugged performance issues, reducing page load times and improving user engagement.

Junior Software Developer

Aiinhome Technologies Pvt. Ltd.

📅 2021 - 2023   📍 Rajarhat, Kolkata

Aiinhome Technologies is a company that specializes in big data along with mobile and web technologies.

- Developed scalable and secure RESTful APIs using Node.js / Flask to support data-driven web and mobile applications.
- Designed and optimized complex stored procedures and database logic on Microsoft SQL Server (MSSQL) to ensure high performance and data integrity.
- I Worked extensively with large datasets using python and libraries like pandas for data transformation, aggregation, and analysis.
- Built and managed ETL pipelines on Microsoft Azure, enabling seamless data integration from multiple sources into structured formats.
- Utilized advanced SQL techniques including CTEs, window functions, indexing strategies, and performance tuning for querying and reporting on massive datasets.

SKILLS

Client-Side

HTML	CSS	JS	React	Next

Redux   Zustand   TypeScript

Tailwind   Bootstrap

Server-side

NodeJS   Express   MySQL

MongoDB   MSSQL   Python   Flask

Development & Operations

GIT   Docker

PROJECTS

Soterix Systems

🔗 https://www.soterixsystems.com

Soterix Systems is an AI-powered VSaaS (Video Surveillance as a Service) platform designed to deliver intelligent security solutions. It leverages advanced computer vision and real-time video analytics to detect threats, manage zones, and provide actionable insights.

- Developed a video player using Next.js with interactive controls and real-time streaming via socket-based frame-wise buffer handling.
- Implemented drawing tool for defining surveillance zones and overlays directly on video feeds.
- Built MFA and robust authorization flows.
- Collaborated with back-end and AI teams to deliver a seamless, responsive interface for real-time monitoring and event logging.

Creoo

🔗 https://creoo.co

Creoo is a direct mentorship platform that connects mentors and mentees through real-time scheduling, communication, and secure transactions.

- Implemented multi-role authentication using both credentials and OAuth to enable secure access.
- Developed a date and time based slot booking system to allow mentors to define availability and manage sessions.
- Developed secure RESTful APIs, integrated third-party services including Google Calendar, Zoom, and webhooks for automated meeting scheduling and notification handling.