Tanmoy Dasthakur
Software Developer

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Profile Summary

I am a software developer with experience in building dynamic and responsive web applications. Proficient in React, Node.js, Java, and JavaScript, I thrive in collaborative environments and am passionate about delivering high-quality code. I am eager to leverage my technical expertise to contribute to innovative projects and continue my professional growth.

Skills

Languages: Java, JavaScript, SQL, PHP

Technologies: React, NodeJs, SpringBoot, J2EE, MongoDB, AWS, Docker, Git, Linux

Experience

Jr. Software Developer, Riddhi Management Services Pvt. Ltd.   *Apr 2023 – present*

- **Matrimaa (*Mother and Child Tracking System*):** Contributed to Matrimaa — A West Bengal Government health monitoring project for improving maternal and child healthcare services. Involved in developing and maintaining core modules for data collection, tracking health indicators, and generating analytical reports.
- **SDG (*Sustainable Development Goals and Indicators of India*):** Conducted comprehensive data analysis based on the Sustainable Development Report 2023, evaluating India's performance across key SDG indicators. Analyzed trends, visualized progress through charts.
- Proficient in creating detailed and visually engaging **GIS maps** and **charts** using advanced spatial data analysis, geoprocessing, and visualization techniques for better decision-making and insights.
- Skilled in managing and processing **Excel** data operations and **report generation** using **Java and NodeJs**, including reading, writing, and transforming large datasets efficiently.
- Experienced in configuring and managing **Linux** servers for multiple web utilities like **Nginx** and **Tomcat**, deploying applications, setting up firewalls, and **installing SSL certificates** for secure operations.

Projects

NovaShield (*Health Monitoring PWA*)   *2025*

Contributed to building a Progressive Web App (PWA) for real-time health monitoring and analytics. Worked on both frontend and backend using the MERN stack, implemented Firebase notifications, service workers, and secure API integrations for seamless cross-platform performance.

Password Manager   *2024*

Created a secure password manager using React, Node.js, and MongoDB that generates random passwords and stores them. Users access their passwords by answering a security question set during password creation, ensuring data protection and privacy.

E- commerce project   *2023*

Created a comprehensive e-commerce platform in a team, using PHP and MySQL, featuring an intuitive admin panel for complete system management. Integrated JavaScript for enhanced user experience, ensuring efficient product handling and transactions.

Education

Brainware University   *2024 – 2026*
Master of Computer Applications (MCA)

Brainware University   *2020 – 2023*
Bachelor of Computer Applications (BCA)