

SATWIK SAHOO

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OBJECTIVE

Results-driven technology professional with a strong foundation in software engineering and data analytics. Proven track record of driving innovation and impacting business outcomes by developing cutting-edge applications. Committed to giving back through impactful volunteer work, including teaching IT and computer literacy to underprivileged students and promoting renewable energy awareness among school children and rural households.

WORK EXPERIENCE

Luminous Infoway (Associate Software Engineer):

sept 2023 - nov 2023

- Integrated Microsoft SQL Server and Oracle Database to store and retrieve risk assessment data efficiently. Developed custom plugins to streamline data visualization and analysis processes. Reduced risk occurrence rate by 30% and improved customer satisfaction by 20% through data-driven insights.
- Developed a comprehensive web application using MERN stack, and Microsoft SQL Server. Implemented advanced features such as AJAX-based data loading and real-time updates, resulting in a 30% increase in user engagement.
- Developed and maintained ETL processes using SQL Server Integration Services (SSIS) and Oracle Data Pump. Implemented data validation checks and error handling mechanisms, reducing inconsistencies by 15% across multiple source systems.
- Created interactive dashboards using jQuery and HTML5 for business intelligence reporting. Integrated data visualization tools and implemented drill-down capabilities, improving data analysis efficiency by 25% for stakeholders.

IBM (Software Engineer Intern):

jan 2023 - july 2023

- Architected a robust IT infrastructure for Business Risk Management. Utilized innovative Microsoft Office tools to streamline processes reduced risk occurrences by 30% and elevated customer satisfaction by 20%.
- Implemented rigorous Verification protocols in Engineering projects. Ensured adherence to critical roles during Software Deployment. Achieved a 40% decrease in post-deployment issues.
- Facilitated the transition to a DevOps-oriented CI/CD pipeline. Automated 80% of routine testing tasks. Accelerated Product Development timeline by 35% and improved output quality by 20%.
- Conducted thorough Requirements Analysis for deep Analytics on database structures. Implemented Bug Tracking systems for proactive problem-solving. Aligned with Business objectives for sustained growth and supported continuous expansion.

EDUCATION

INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY (IIIT)

B.Tech. Information Technology (Computer Science Dept.) CGPA: 7.84

Bhubaneswar, India

aug 2019 - june 2023

EXTRA-CURRICULAR

Pramodini Educational and Charitable Trust :

- Contributed 6 months to the Skill India initiative, dedicating myself to teaching IT and computer literacy to underprivileged students.
- Leveraged my technical expertise to create engaging lesson plans and interactive workshops, bridging the digital divide for disadvantaged youth.
- Developed customized curricula tailored to meet the unique needs and skill levels of my students. Implemented hands-on training methods, focusing on practical application of computer skills

Solar Energy Society of India - Odisha Chapter :

- Volunteered to promote awareness about renewable energy among school children and rural households, dedicating time to educating communities on sustainable energy solutions.
- Conducted workshops to demystify renewable energy concepts for diverse audiences.
- Collaborated with local schools to integrate renewable energy lessons into science curriculums, inspiring the next generation of environmentally conscious citizens.
- Implemented community outreach programs in rural areas, providing hands-on demonstrations of solar panels and wind turbines to showcase the practicality of renewable energy.

SKILLS

Programming-Languages: HTML5, CSS3, C, C++, Java, JavaScript, Python, TypeScript

Methodologies/Frameworks: React, NodeJS, Bootstrap , Express , , JQuery,

Tools and Platforms: Git (version control), GitHub, Microsoft Visual Studio (IDE), Jira, Trello

Databases: MySQL (Relational Databases concepts), SQL , MongoDB , OracleDB

Certification: Oracle Cloud Infrastructure 2022 Foundations Associate (1Z0-1085-22)

INTERESTS

- Photography
- Travelling
- playing board games