

JYOTIPRAKASH SAHOO

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SUMMARY

Innovative Software Developer with expertise in Agile methodologies and modern programming languages. Proficient in designing and developing industrial automation IoT applications and backend systems using the MERN stack. Adept at delivering creative, scalable solutions to meet complex business requirements. Enthusiastic about collaborating in dynamic environments to drive impactful projects and deliver exceptional results.

SKILL

- **Programming Languages:** Python, C, C++, Java, Javascript
 - **Frameworks :** Node.js, Express.js, Django, SpringBoot, CUDA
 - **Databases :** MongoDB, MySQL, InfluxDB
 - **Cloud :** AWS EC2, AWS S3, Azure IOT, AWS Lambda
 - **Platforms :** Linux, Windows, Raspberry Pi, Ubuntu
 - **Tools :** VS Code, IntelliJ, Postman, JIRA, Git, Eclipse, Grafana
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PROFESSIONAL EXPERIENCE

Junior Software Engineer, Haber – Pune, India

Jun 2022 - Apr 2024

- Designed, developed, and tested 15+ efficient and scalable backend REST APIs, ensuring alignment with project requirements.
 - Optimized system efficiency by implementing enhanced coding practices, reducing response times by 30% and boosting API performance.
 - Integrated third-party libraries and APIs to extend system functionality, reducing development time by 20% and ensuring seamless compatibility with existing systems.
 - Collaborated with a team of 5 developers to ensure seamless API integration across multiple platforms.
 - Led the testing and deployment of application features on Raspberry Pi devices, enhancing functionality and improving user experience, resulting in a 25% increase in engagement.
 - Successfully deployed applications across 100+ devices, achieving a 95% deployment success rate and ensuring system reliability.
 - Conducted regular code reviews and team mentoring sessions, ensuring adherence to best practices and fostering continuous improvement.
 - Integrated AI-driven industrial automation solutions using eLIXA, enabling real-time process optimization using Azure IOT and reducing chemical consumption by 20%.
 - Worked closely with cross-functional teams to ensure seamless adoption of AI technologies, improving operational efficiency and product quality.
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Software Trainee, Haber – Pune, India

Jan 2022 - Jun 2022

- Engineered a Proof of Concept (POC) for predictive maintenance of industrial assets using vibration monitoring, streamlining maintenance processes.
- Designed and developed the entire application from scratch within a tight timeline of 4 months, demonstrating efficiency and adaptability.
- Integrated machine learning algorithms to predict machine failures with 85% accuracy, reducing downtime by 40% and enhancing operational efficiency.
- Conducted extensive testing and debugging to ensure the reliability and accuracy of machine learning models, resulting in stable system performance under production environments.
- Delivered comprehensive documentation and user guides for the application, simplifying onboarding and knowledge transfer for future developers and users.

EDUCATION

Master of Computer Application

Silicon Institute of Technology

Jul 2019 - Jun 2022

Bachelor of Science in Physics

Nimapara Autonomous College

Jul 2015 - Jun 2018

CERTIFICATES

- AWS Services for Solutions Architect Associate
- Learn Complete Python in Simple Way
- MongoDB Basics, MongoDB University
- Devops Fundamentals
- Master In Microsoft Power BI Desktop And Service

INTERESTS

- Playing and watching cricket
- Web Surfing,
- Travelling

LANGUAGES

- English
- Hindi
- Odia