





# Pratyush Sahoo

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## EDUCATION

<b>Trident Academy of Technology University</b> Bachelor of Technology in Electrical and Electronic Engineering	2017 - 2021
<b>Nilachal Polytechnic</b> Diploma in Electrical Engineering	2013 - 2017

## EXPERIENCE

<b>Dev-Ops Engineer BMW  NTTDATA</b> <b>Technologies:</b> JAVA, REST API, Java, Hibernate, Spring Boot, ITSM, API, Docker, DataDog, Service Now	May 2023 - Present
<ul style="list-style-type: none"><li>Developed and managed <b>API integrations</b>, optimizing <b>authentication methods (API key, OAuth)</b> and <b>JSON payload processing</b>, improving data transmission efficiency by <b>20%</b>.</li><li>Provided <b>L2 technical support</b>, diagnosing and resolving <b>installation, deployment, networking, and licensing</b> issues, reducing system downtime.</li><li>Collaborated with <b>global automotive clients</b>, overseeing <b>ITSM ticketing, SLA compliance, and queue management</b>, increasing <b>incident resolution efficiency by 30%</b>.</li><li>Created <b>comprehensive technical documentation and knowledge base articles</b>, enhancing first-level support processes and reducing ticket resolution time by <b>25%</b>.</li></ul>	
<b>Full Stack Developer  BMW   NTTData</b> <b>Technologies:</b> Java, Spring Boot, Hibernate, Kafka,SQL	June 2022 - May 2023
<ul style="list-style-type: none"><li>Developed and maintained <b>backend applications</b> using Java and Spring Boot.</li><li>Designed and implemented <b>RESTful APIs</b>, ensuring efficient data processing.</li><li>Integrated <b>Kafka-based event-driven architecture</b>, enhancing real-time data streaming and system responsiveness.</li><li>Optimized database queries using <b>Hibernate caching and SQL tuning</b>, improving data efficiency by <b>30%</b> and reducing load times by <b>25%</b>.</li></ul>	

## PROJECTS

<b>Libaray Management System</b>
<ul style="list-style-type: none"><li>Developed a <b>Java-based Library Management System</b> using <b>Maven, SQL, and the MVC pattern</b>.</li><li>Designed and implemented <b>book management, user authentication, and borrowing/return functionalities</b>.</li><li>Integrated <b>role-based access control</b> to differentiate between admin and user privileges.</li><li>Optimized <b>SQL queries for efficient data storage, retrieval, and performance enhancement</b>.</li><li>Ensured <b>secure transactions and data integrity</b> through input validation and exception handling.</li></ul>
<b>Portfolio Personal Web Project</b>
<ul style="list-style-type: none"><li>Developed a <b>responsive personal portfolio website</b> using <b>HTML, CSS, and JavaScript</b>.</li><li>Integrated a <b>resume download feature</b>, allowing visitors to easily access and download the CV.</li><li>Implemented a <b>WhatsApp contact button</b>, enabling direct messaging for quick communication.</li><li>Designed an <b>interactive and user-friendly UI</b>, ensuring seamless device navigation.</li></ul>

## CERTIFICATIONS

- **NTTDATA** Certified Java Developer
- **NTTDATA** (Database Management System)
- **NTTDATA** Level 1 - DevOps Certification.
- **NTTDATA** (GenAI: Yellow Belt Level 1)
- **NTTDATA** Generative AI 101 Certification.
- **J-Spider** (Full Stack Developer)

## SKILLS AND INTERESTS

Java, JDBC, HTML, CSS, JavaScript, React.js, MYSQL, Kafka, Docker, DataDog, MongoDB, PostgreSQL, Git, GitHub. Microsoft 360 Tools, Video Editing, Content Creation, Teamwork, ITSM, Jira Board, Linux, Windows.

## RELEVANT COURSEWORK

Data Structures, Algorithms, Database Management Systems, Object Oriented Programming, MySQL, Machine Learning, Artificial Intelligence, Natural Language Processing, UI Design, AWS,Cloud, Power BI

## POSITIONS OF RESPONSIBILITY

### DevOps Engineer and Queue SLA Handling

Provided **technical support and troubleshooting** for IT infrastructure, including deployment, networking, and licensing issues.

## OPEN SOURCE CONTRIBUTION

- Contributed over **100+ LeetCode solving** on **GitHub** to share knowledge and insights with the community.
- Designed, developed, and deployed **50+ custom web applications** for clients across various industries.