Nikhil R Mandhyani

Software Developer

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Summary

Results-driven Software Developer with 2 years of experience in designing and developing scalable solutions. Proficient in Python, Java, with expertise in backend logic optimization, API integration, and frontend development. Adapt at troubleshooting, performance enhancement, and delivering user-centric software solutions. Passionate about continuous learning and leveraging technology to drive efficiency and innovation.

Work Experience

Nuagecx Consulting Pvt Ltd

Software Development Engineer | May 2023 – Present

Developed and maintained customized software solutions for clients using Zoho ecosystem. Collaborated in the implementation and development of software's optimized backend logic using JS/python scripts to enhance system performance. Troubleshot and resolved application issues, ensuring seamless user experiences.

Projects

Analytics Reporting

- Designed and built interactive dashboards in Analytics to visualize KPIs across IT Asset, Logistics, and Manufacturing operations.
- Cleaned, transformed, and analysed data from Zoho tools and other sources to uncover operational insights.
- Developed custom metrics and formulas for detailed reporting on asset utilization, order trends, and production efficiency.
- Implemented user-level filters and scheduled exports for cross-functional stakeholders to support real- time decision-making.
- Conducted root cause analysis and trend identification using historical datasets to aid process optimization.
- Collaborated with technical and business teams to define report requirements and KPIs.

IT Asset Management Application

- Developed backend functionalities using Scripting and integrated them with frontend components.
- Implemented asset transfer and M2M transfer functionalities, ensuring accurate updates for associated sub-assets.

Manufacturing Management Application

- Designed and developed features to manage production schedules, inventory tracking, and resource allocation.
- Enabled efficient order processing and resource optimization to streamline manufacturing operations.

Key Skills

- **Programming Languages**: Python, Java, Web-Tech, SQL
- **Web Development**: Frontend Development (HTML, CSS, JavaScript)
- **API Integration**: RESTful APIs, Postman
- **Database**: MySQL, MS SQL
- **Version Control**: GitHub
- **Other Skills**: RESTful API Development, Object-Oriented Programming (OOP), Requirement Analysis

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Education

Bachelor of Engineering (Mechanical Engineering) | 2019 – 2022

RTM Nagpur University, CGPA: 9.56

Diploma in Mechanical Engineering | 2016 – 2019

MSBTE, Percentage: 78

Awards

Spot Award

NuageCX Consulting Pvt Ltd

Certificates

Full Stack Java Development

Qspiders, Pune

Full Python Mastery 1.0 Basic to Advance

Codewithrandom.dev