Nrusinghanath sahu

Backend Developer with a track record of designing and implementing systems that optimize performance and enhance user satisfaction. Skilled in architecture design, API management, and performance optimization, with a focus on scalable, efficient solutions. Proven ability to lead teams, streamline processes, and deliver successful projects.

Contact

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Work Experience

Software Developer | Team Lead, *Decobee Technologies, BBSR*

Apr 2023 - Present

Project 1 : Tally on Mobile

Overview : Created a mobile application that extended Tally's capabilities, enabling users to view and perform transactions on the go.

Key Responsibilities :

- **Architecture Design :** Devised an innovative architecture strategy for the Tally Connector application that supported real-time data migration to the cloud, enhancing data access speed and increasing user satisfaction ratings by 30%.
- **Cloud Application Development :** Designed and executed an API management strategy that facilitated the integration of cloud applications with PostgreSQL and MongoDB, empowering the team to handle 300+ bulk operations daily, thus increasing processing efficiency.
- **Connector Backend :** Designed and implemented the complete backend for the Tally Connector, enabling the sync of large datasets within 30 minutes without disrupting Tally operations.
- **Performance Optimization :** Executed a strategic overhaul of application performance by optimizing bulk query processing and implementing sophisticated caching techniques, resulting in a 30% decrease in server response times and improved user experience.
- **Dashboard & Query Optimization :** Engineered a robust dashboard that optimized performance across 15+ data schemas; improved query response times by 40% and enhanced data visualization, leading to increased user engagement and adoption rates.
- **Deployment :** Assisted in designing an automated deployment pipeline using Jenkins, which streamlined the deployment process for various applications and reduced manual intervention time by 20 hours per month, enhancing overall productivity.

Project 2 : CRM Web Application

Overview : Contributed to backend API development and feature implementation.

Key Responsibilities :

- **API Development:** Created and optimized APIs for specific CRM modules, ensuring seamless frontend integration.

Skills

Technical Skills

- Javascript
- Node.js
- Express.js
- Electron.js
- MongoDB
- PostgreSQL
- React.js
- Redis
- JWT (JSON Web Tokens)
- Git
- Github
- Bitbucket

Additional (Basic)

- Docker
- Jenkins
- Kubernetes
- AWS
- Digital Ocean
- PM2
- Putty

Languages

- English
- Hindi
- Odia

Educational Background

Bachelor's Degree in Education

Acharya Nagarjuna University, Andhra Pradesh
Jul 2020 - Sept 2022

Bachelor of Science in Botany

Biju Pattnaik College Of Science & Education, Bhubaneswar, Odisha
Aug 2017 - Oct 2020

Higher Secondary Education

Sai College of Science, Jeypore, Odisha
Apr 2015 - May 2017

Professional Education

Backend Developer Trainee

FunctionUp Bootcamp
Sept 2022 - Mar 2023

- Gained indepth knowledge of various technologies such as Javascript, Node.js, Express.js, MongoDB.
- Created various projects using these technologies.