MERVINE JOSHY

Software Engineer

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Ablon Sur Seine, France

SUMMARY

Highly motivated and skilled software developer with over 3+ years of experience in the field. Proficient in designing, developing, and deploying software solutions that meet both user needs and business requirements. Adept at collaborating with cross-functional teams to deliver high-quality products within deadlines. Strong problem-solving abilities and a passion for staying updated with the latest industry trends and technologies. Ready to contribute my expertise and drive to deliver exceptional results in a dynamic software development role.

EDUCATION

Bachelor of Technology

Computer Science & Engineering
APJ Abdul Kalam Technical University (Kerala, India)
2016 – 2020

Master's in Computer Science

Software Engineering
EPITA School of Engineering & Computer Science
2024 - Present

TECHNICAL SKILLS

- Node.js: Developed scalable, high-performance server-side applications.
- React.js: Built dynamic, responsive user interfaces for improved user experience.
- Express.js: Created RESTful APIs for efficient web applications.
- Redux: Managed state in React applications for predictable state changes.
- JavaScript (ES6+): Expertise in modern JavaScript features for efficient coding.
- HTML5 & CSS3: Designed visually appealing and responsive web pages adhering to modern standards.
- RESTful APIs: Ensured seamless client-server communication and data exchange.
- Nest.js: Built modular and maintainable server-side applications with TypeScript and Dependency Injection.
- NoSQL & SQL: Proficient in working with MongoDB and SQL databases for data-driven solutions.
- Cloud Platforms: Experienced with AWS and Azure for scalable cloud solutions.
- Version Control: Used Git for source control and collaboration in multi-developer environments.

CERTIFICATIONS

- **Udemy** :- Node with React : Fullstack Web Development.
- **HackerRank** :- Problem Solving (Basic) Certificate.
- **BYJUS :-** Performer of the Quarter.

PROFESSIONAL EXPERIENCE

Software Engineer (Backend developer)

GoKhana | March 2023 - January 2024

- Integrated multiple vending machine APIs using RESTful architecture, enabling seamless operations.
- Implemented webhooks for real-time status updates and tracking, boosting operational efficiency by 20%.
- Designed and optimized NoSQL queries for real-time data analytics dashboards, providing critical insights.
- Improved API performance by refactoring code, reducing latency, and enhancing data element functionality.
- Optimized CRON jobs, reducing memory consumption and improving job efficiency.
- Integrated Power BI APIs for advanced data reporting and analytics, facilitating business intelligence capabilities.
- Troubleshot and resolved production issues, ensuring system stability and minimal downtime.

Software Engineer (FullStack Developer)

BYJUS | June 2021 - March 2023

- Led database administration and designed intuitive UIs using front-end technologies (e.g., HTML, CSS, JavaScript) to enhance user experience.
- Engineered a scalable platform architecture, ensuring future-proof solutions for high-traffic applications.
- Optimized workflows, reducing refund processing times by 30%.
- Devised and implemented complex refund logic, accommodating various payment methods (EMI, non-EMI, digital wallets) with integration to BYJUS Wallet, improving refund processing.
- Integrated BYJUS Wallet into the refund process, streamlining transactions and enhancing the customer experience.
- Created dynamic dashboards and summary pages, leveraging SQL/NoSQL queries for real-time data monitoring and analytics, improving decision-making capabilities.
- Collaborated with cross-functional teams to integrate third-party vendors (e.g., Yellow Messenger, Delivery Partners, Payment partners) for seamless, automated notification communications.
- Developed a robust notification engine supporting multi-channel communication (SMS, email, WhatsApp), improving customer engagement.
- Designed and optimized database-driven list and detail pages, enhancing data retrieval speed and presentation for better user experience.