JAYANT MALHOTRA.

Software Engineer

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SUMMARY

Backend Software Engineer with expertise in API development, system architecture, and scalable solutions. Strong experience in full software development life cycle, including coding standards, code reviews, source control management, build processes, testing, and operations. Proven ability to design and implement robust, high-performance backend systems, integrating business logic and optimizing reliability in production environments.

EXPERIENCE

Software Developer
Far Galaxy Networks

📅 04/2023 - Present   📍 Delhi, India

Design and develop scalable web applications focusing on API architecture, backend logic, and system reliability.

- Led architecture and implementation of a high-throughput API system integrating mobile and web platforms, handling peak loads of 10,000 requests per minute
- Designed and implemented complex business validation system for time-sensitive operations across multiple database tables, ensuring data consistency through transaction management and comprehensive error handling
- Mentored UI developers through API integration challenges, creating detailed documentation and architectural diagrams for improved cross-team collaboration
- Established coding standards and review processes, improving code quality and reducing technical debt
- Technologies Used: PHP, Python, SQL, Vue.js, CSS, Git, CI/CD, Microservices Architecture

Python Developer
NFT Studio 24

📅 09/2021 - 04/2023

Independently handled development of blockchain-based media platform and NFT marketplace features.

- Developed high-performance APIs for blockchain data processing and content management.
- Designed and developed blockchain-based media platform and NFT marketplace features.
- Architected scalable backend systems for NFT transactions and content verification.
- Led discussions on technical project requirements and system architecture.
- Technologies Used: Python, PHP, Angular, MySQL, WordPress, RESTful APIs

Junior Software Engineer
IUSolve

📅 03/2020 - 09/2021

Built and maintained WordPress-based content management systems with efficient digital asset workflows.

- Developed RESTful APIs and backend services to improve platform reliability.
- Led integration of frontend and backend components using JavaScript frameworks.
- Implemented data research methodologies and reporting systems
- Technologies Used: PHP, Python, JavaScript, CSS, Java, Android Framework

EDUCATION

Msc. Data Science
Manipal University

📅 05/2023 - 08/2025

- Focus: Statistical Analysis, Machine Learning, Data Visualization
- Pursuing degree while working full-time

Bachelor of computer application, Computer Science
Panjab University

📅 01/2017 - 11/2020

- Foundation in Computer Science and Programming

SKILLS

| Laravel | Python | JavaScript |

| Git/GitLab CI/CD | Performance Optimization |

| SQL | Event-Driven Architecture |

| Database Optimization | Clean Code Practices |

| Problem Solving | Microservices Architecture |

| System Design | Feature Engineering |

| Data Visualization | Laravel Framework |

| RESTful APIs | Agile/SCRUM |

| Test-Driven Development | Code review |

| Statistical Analysis | AWS Services |

PROJECTS

Scalable API System (Far Galaxy Networks)

📅 05/2023 - Present

Managing UI team performance and integration

- Designed and implemented a RESTful API ecosystem, supporting 10,000+ requests per minute.
- Optimized frontend-backend interaction with Inertia.js, reducing API response time by 30%.
- Implement complex validation rules
- Tech : PHP/Laravel, SQL , Python , Vue.js

NFT Marketplace Automation (NFTStudio24)

📅 04/2022 - 01/2023

Automation of minting process for specific business needs

- Developed automated minting processes for NFT transactions.
- Built scalable content management systems for blockchain applications.
- Tech Stack: Python, SQL

KEY ACHIEVEMENTS

</> **Designed and implemented RESTful API architecture handling 10K requests/minute, incorporating complex business validations with transaction management**

</> **Established robust data validation systems for time-sensitive, multi-table operations with comprehensive rollback mechanisms**

</> **Improved frontend-backend integration by implementing Inertia.js, significantly reducing unnecessary API calls**

</> **Led cross-team integration efforts by creating comprehensive documentation with ER diagrams and implementing efficient data flow patterns**