

Jyoti Singh



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<https://github.com/jyoti987/Projects>

EDUCATION

SECONDARY SCHOOL **C.B.S.E Board Delhi** [2016 - 2017]

GRADUATION **University of Delhi** [2017 - 2020]

Master of Computer Applications **Indira Gandhi National Open University** [2024- present]

TECHNICAL SKILLS

Web Technologies : HTML5, CSS3, JavaScript, ReactJs, NodeJs, ExpressJs

Database Management : MongoDB, SQL, Azure Storage, Redis

Version Control : Git, GitHub

Tools & IDEs : VS Code, Postman, MongoDB Compass, DBeaver, Microsoft Azure Storage Explorer

EXPERIENCE

Company Experience

CONSTEMS-AI SYSTEMS PVT. LTD. COMPANY

Location :- Noida, Sector-62

Position :- Full Stack Developer | Jan 2023 - August 2024

- **1.5 Years of Practical Experience:** Gained hands-on experience as a Full Stack Developer, actively contributing to company projects and continuously enhancing technical skills.
- **Feature Integration & Codebase Management:** Collaborated cross-functionally to integrate new features into existing projects while efficiently navigating complex codebases.
- **Azure Database Proficiency:** Developed a strong understanding of Azure databases and applied this expertise to optimize project performance.
- **Docker & Containerization:** Acquired in-depth knowledge of Docker, effectively utilizing it for project deployment and containerized application management.

SELECTED PROJECTS

Ecommerce and cart - Management

- Role: Backend Developer
- Tech Stack: JavaScript, Node.js, MongoDB
- Project: Developed a fully functional E-commerce backend, implementing multiple APIs for user management, product listings, orders, and cart functionality.
- Authentication & Security: Integrated JWT authentication to secure protected APIs, ensuring safe access control.
- Scalability & Performance: Designed the backend architecture to handle high traffic and data consistency, similar to platforms like Amazon and Flipkart.

User Management System

- Role: Web Developer
- Tech Stack: JavaScript, Node.js, MongoDB, React.js
- Project: Developed a User Management System with role-based access control.
- Admin Authentication: Implemented secure admin login, ensuring only authorized administrators can access the system.
- User Management Features: Enabled admins to create, edit, view, and delete users, ensuring controlled access and data integrity.
- Scalability & Security: Designed the system with scalable architecture and secure API endpoints for efficient user management.

Bugzilla

- Tech Stack: JavaScript, Virtual Machines (VMs)
- Bug Tracking & Issue Management: Managed bug tracking and issue resolution using Bugzilla, ensuring efficient documentation and tracking of software defects.
- Defect Prioritization: Identified, categorized, and prioritized bugs based on severity and project impact for effective resolution.
- Performance Reporting: Utilized Bugzilla's reporting features to generate performance metrics and bug status reports, providing insights for management and improving software quality.