

NIDINBOSE

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SUMMARY

Full-stack developer with 1 years of experience in JavaScript, React.js, Node.js, MongoDB, Express, HTML, CSS, Skilled in building scalable apps, RESTful APIs and accessibility standards, quick to learn and a protective team player focused on delivering high quality projects

TECHNICAL SKILLS

Languages : JavaScript, TypeScript, MongoDB, MySQL, HTML, S(CSS)

Libraries and Frameworks : Node.js, React.js, Express, TailwindCss, Bootstrap, Iconic, Electron

Tools and Platforms : Git, Jest, GithubActions, AWS, Netlify, Render, Vercel, Firebase

Microservices : Docker, Kubernetes, Apache Kafka

Concepts : MVC Architecture, Clean Architecture, SOLID Principles, Microservices Architecture

WORK EXPERIENCE

Internship , Synnefo solutions

Feb 2024 - Present

- Designed and deployed full-stack MERN applications with React frontend, Node.js/Express backend, and MongoDB database, reducing API latency by 30%
- Implemented JWT authentication and RESTful APIs to enable secure user login and data retrieval
- Optimized MongoDB queries using indexing and aggregation pipelines, improving database performance by 40%
- Implemented React Hooks State Management (Context API), Responsive Design

Freelancing Developer

Mar 2022 - Present

- Optimized MongoDB queries, decreasing database response times by 35% and enhancing user experience
- Automated deployment workflows using Docker and CI/CD pipelines, cutting release times by 50%
- Increased code efficiency by 40% by refactoring legacy modules, resulting in faster application load times
- Reduced server downtime by 20% by implementing proactive maintenance and monitoring solutions

PROJECTS

Hexspin-Codes | MERN Stack AI Learning Platform (microservices architecture)

[Github](#) | [Live](#)

- Engineered AI-powered coding platform using React, Node.js, and MongoDB, integrating YouTube API for video tutorials and Google Gemini API for AI analysis
- Implemented JWT authentication with rate limiting and encryption protocols, reducing security incidents by 100% during beta
- Optimized performance using GSAP animations and React memoization, achieving 95+ Lighthouse scores across all pages
- Designed CI/CD pipeline with Jest testing, achieving 98% test coverage and reducing deployment failures by 40%
- Containerized services with Docker, achieving 99.9% deployment success through Kubernetes orchestration
- Architected 10+ microservices including User Auth, Content Delivery, and AI Analysis modules using Node.js/React
- Razorpay Integration: Node.js backend handles order creation, verification via HMAC-SHA256, and webhook-based payment status updates

Santics-Gaming Accessories Store | (MVC architecture, AWS)

[Github](#) | [Live](#)

- AWS Infrastructure: Secure cloud hosting with IAM policies and encrypted data storage.
- Middleware: helmet for HTTP headers, cookie-parser for session management, and JWT for stateless authentication
- Razorpay Integration: Node.js backend handles order creation, verification via HMAC-SHA256, and webhook-based payment status update
- Dynamic checkout with Razorpay's JavaScript SDK, supporting UPI, cards, and wallets
- Email Services: Nodemailer for transactional emails (order confirmations, password resets).
- Performance: Redis caching for frequent product queries, MongoDB Atlas indexing for sub-50ms response times.

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[Github](#) | [Live](#)

EDUCATION

	Sep 2019 - Oct 2020
University of Engineering and Technology	
<ul style="list-style-type: none">• Specialization in Advanced Manufacturing.• Thesis on "Innovations in Sustainable Engineering Practices".	
Bachelor of Science in Civil Engineering	Aug 2015 - Aug 2019
City College of Engineering	
<ul style="list-style-type: none">• Relevant coursework in Structural Design and Project Management.	
