

NIWANT SALUNKE

Charlotte, NC, USA

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Skills

Programming Languages: JavaScript (ES6+), TypeScript, Go, Python, Shell / Bash Scripting , YAML

Frontend Tools: React.js, Next.js, Redux, Tailwind CSS, GraphQL

Backend Tools: Node.js, Express.js, Django, Flask, RESTful APIs

Databases: MongoDB, Redis, PostgreSQL, MySQL, SQLite,

DevOps Tools: Docker, Kubernetes, Jenkins, GitHub Actions, Terraform, Azure DevOps, Azure Repo, Nginx

Cloud Platforms: AWS (EC2, S3, Lambda), Azure, Firebase, Vercel

Testing Tools: Jest, Mocha, Cypress, Postman

Version Control: Git, GitHub, Bitbucket

Work Experience

Software Engineer, SoftwareAG, Mumbai, India

Mar 2022 – June 2024

- Engineered and deployed scalable features for WebMethods.io integrations using React, Node.js, and MongoDB, achieving a 90% improvement in unit test coverage from 32% to 61%.
- Architected and optimized CI/CD pipelines with Jenkins and GitHub Actions, reducing deployment cycles by 75% while ensuring zero-downtime deployments.
- Refactored and modularized complex React components, improving reusability, maintainability, and reducing front-end page load times by 50%.
- Identified and resolved critical security vulnerabilities by implementing **Content Security Policy (CSP) headers**, sanitizing user inputs, and addressing cross-site scripting (XSS) and SQL injection risks, enhancing overall system security by **70%**.
- Created custom scripts for data migrations with backup and restore capabilities, ensuring seamless transitions during platform upgrades.
- Spearheaded the integration of RESTful APIs and GraphQL services, improving data query efficiency by 20% and enhancing application interoperability.
- Mentored onboarded junior developer, standardizing practices for version control, code linting, and CI/CD workflows to boost team productivity by 30%.

Projects

Farmer Ecommerce Portal

Apr 2022

- **Technologies:** React.js, Express.js, Node.js, MongoDB, Passport.js, Stripe
- Technologies: HTML, CSS, React.js, Express.js, Node.js, MongoDB
- Created a CRUD-based employee and meeting management system using the MERN stack.
- Implemented notifications for conflicting meetings and preferred time slot options.
- Designed a responsive UI for seamless user experience across devices.

Employee Info Store & Meeting Scheduler | [Link](#)

Sep 2024

- Technologies: HTML, CSS, React.js, Express.js, Node.js, MongoDB, MaterializeCss
- Developed a CRUD-based employee and meeting management system supporting real-time data synchronization via Firebase.
- Implemented advanced conflict resolution for overlapping meeting schedules and dynamic notifications.
- Integrated JWT authentication to secure access and provide session management for enterprise-grade usage.

Notes App | [Link](#)

Jan 2024

- **Technologies:** React.js, Next.js, Node.js, MongoDB, Redis, MaterializeCss, Docker
- Created a feature-rich note management application enabling categorization, tagging, and multi-device sync.
- Leveraged Next.js for server-side rendering (SSR), improving SEO and load times for enhanced user experience.
- Used Redis caching to reduce database queries by 50%, boosting performance for high traffic loads.
- Dockerized the application for seamless deployment and scalability across cloud environments.

Education

University of North Carolina at Charlotte

Expected May 2026

Master of Science in Computer Science (Concentration – Data Science)

Mumbai University

May 2022

Bachelor of Technology in Electrical Engineering

Honors& Awards

- **Special Contribution Award** for UI redesign and improving unit test case coverage Dec 2022
- **AI Hackathon winner** at Software AG May 2023
- Finalist **National Level Project Showcase (VNPS)**. Feb 2022