

# Nitish Kadu

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## Education

<b>Master of Science in Computer Science, Stony Brook University</b>	Aug 2024 - present
Relevant Coursework: Analysis of Algorithm, Distributed Systems, Human Computer Interaction	
<b>Bachelor of Technology in Computer Engineering, University of Mumbai</b>	Jun 2018 - 2022
Relevant Coursework: Machine Learning, Big Data Analytics, Operating Systems, DBMS, NLP	8.61/10

## Skills

**Languages:** Javascript, Typescript, C/C++, NOSQL, SQL, Java, Python  
**Frameworks:** Angular, Node.js, Next JS, Spring Boot, Flutter, REST, GraphQL, Selenium,  
**Libraries:** ReactJS, Tailwind, Bootstrap, Material UI, Chakra UI  
**Databases:** MongoDB, Oracle, MySQL, SQLite, Amazon RDS, Elasticache, Dynamo DB

## Experience

<b>Jio Platforms Ltd</b>	Mumbai, India
Fullstack Developer	Jun 2022 - 2024
<ul style="list-style-type: none"><li>Integrated <b>MongoDB</b> with REST APIs, Microservices, and Batch Jobs using Java and Spring Boot, using MongoDB aggregation and fine-tuning slow-performing queries to optimize performance by 40%.</li><li>Analyzed SQL queries, implemented indexing strategies, and collaborated with cross-functional teams, resulting in a 35% reduction in query execution time and a improvement in reporting capabilities with enhanced dashboards.</li><li>Designed and maintained robust <b>SQL</b> and <b>PL/SQL scripts</b>, automating business processes with exception handling and error logging for reliable code execution. Managed database objects and ensured data integrity through constraints, triggers, and referential integrity rules, enhancing system reliability and consistency.</li><li>Refactored legacy codebase and developed <b>Angular</b> UI components, integrating <b>STRAPI CLI</b> and implementing accessibility features to enhance user experience by 30%, all of which achieved product <b>PinkVerify</b> certification.</li><li>Developed and deployed scalable Node.js applications, implementing asynchronous programming and efficient API design, resulting in a 50% reduction in server response time and improved application scalability.</li></ul>	
<b>Freelance Consultant</b>	Remote
Frontend Developer	Jun 2021 { Jun 2022
<ul style="list-style-type: none"><li>Created responsive web applications with <b>React.js</b> and <b>Next.js</b>, ensuring user-friendly interfaces and seamless navigation, while successfully migrating legacy systems to modern frameworks. Achieved a 50% reduction in page load times and cut maintenance costs by 40%, enhancing overall user experience and operational efficiency.</li><li>Designed a dynamic client pricing module with React.js and Firebase, enhancing client retention by 40%. Implemented efficient state management with Redux and optimized performance with Next.js.</li><li>Collaborated closely with stakeholders to deliver high-quality products ahead of schedule and within budget.</li></ul>	

## Projects

<b>Email Insights</b>	Flask, Keras, Scikit-learn, Heroku, Javascript
<ul style="list-style-type: none"><li>* Full-stack web extension that highlights important key-phrases in an email to provide quick summary.</li><li>* Implementation based on the TF-IDF statistical method for natural language processing and information retrieval.</li><li>* Visualized GitHub data to show collaboration.</li><li>* Multi-node flask server to handle prediction requests hosted on heroku.</li></ul>	
<b>Supply Chain Management System</b>	Solidity, Ganache, Python, Django, Web3 API
<ul style="list-style-type: none"><li>* Flutter based app to manage inventory and business pro ts.</li><li>* Decentralized supply chain management system for real-time monitoring and tracking of goods.</li><li>* Implemented blockchain contracts with Solidity and MetaMask for secure authentication.</li><li>* Developed backend with Django and integrated with Web3 API.</li></ul>	