

# ISHITA SANJAY JANWALE

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## EDUCATION

### Northeastern University

Master of Science, Information Systems

Boston

Aug 2022 - May 2024

**Relevant Coursework:** Application Engineering Development, Object Oriented Design, Web Design Development, Data Management and Database Design, Cloud Computing, Design Patterns

### Vishwakarma Institute of Technology

Bachelor of Technology, Computer Engineering

India

June 2018 - July 2022

**Relevant Coursework:** Data Structures, Algorithms Analysis, Software Engineering, Database Management

## SKILLS

<b>Languages</b>	Core Java, Python, C, C++, C#, JavaScript, SQL (Postgres and MySQL)
<b>Web Technologies</b>	HTML5, CSS, SCSS, JSP, jQuery, Bootstrap, React, AJAX, Angular, Node, Express, Rest API, Vue
<b>Software Tools</b>	Git, Automation, Testing, SDLC, UI Documentation
<b>Cloud Technologies</b>	Sass, AWS, GitHub Actions, Google Cloud, Docker, Terraform, Packer, Pulumi

## EXPERIENCE

### Web Developer - Growaza Pvt Ltd, Pune, India

Jan - Aug 2022

- Designed system principles, optimized AWS performance, and revamped data management with REST API, yielding a 25% faster website and 50% reduction in data processing time
- Deployed user-friendly **HTML**, **CSS**, **ReactJS**, **Bootstrap** front-end for 100+ users resulted higher user engagement
- Transformed design processes with Figma, enabling real-time collaboration and boosting overall efficiency
- Executed **Agile** project management strategies, aligning stakeholders to dramatically enhance user experience and catapult project delivery effectiveness

## PROJECTS

### Cloud Native Web Application:

Sep 2023 – Dec 2023

- Created **NodeJS** backend, applying 12-factor methodology resulting in remarkable scalability and maintainability
- Integrated **AWS RDS (Postgres)** and **Amazon S3** for unmatched data infrastructure reliability and performance
- Engineered a revolutionary **CI/CD** pipeline using **GitHub Actions** and **AWS AMI**-based containerization, reducing deployment time by 50% and boosting scalability by an impressive 70% through Elastic Load Balancer auto-scaling

### Barter-app:

Jan - April 2023

- Led a 4 member team to craft single page **React** app with user-friendly interface, enhanced UI/UX using AdobeXD
- Developed a robust three-layer architecture for a high-performance **REST API**, utilizing **Node.js**, **Express.js**, and **MongoDB**. Achieved a 30% acceleration in **CRUD** operations for user and inventory databases
- Fortified application security by an impressive 80% through the strategic implementation of robust email authentication mechanisms, safeguarding against potential threats and vulnerabilities

### Business Relief Portal:

Sept - Dec 2022

- Devised a **Java Swing** and **Kotlin**-based desktop app using **MVC design**, slashing government funding processing time by 30% via **MySQL** and third-party **API integration**
- Revamped document management with a PDF generator API for 1000+ uploads/downloads, while a Java-based automated report features reduced manual effort by 60%, delivering precise user information

### Railway Twitter Administration System:

Aug - Jan 2022

- Cultivated a 30% growth in visitor inclusivity by spearheading the development of a sleek **ReactJS** and **Bootstrap** front-end, seamlessly integrating with back-end systems through **REST API**. Culminated a 20% improvement in responsiveness and interaction seamlessness
- Revolutionized tweet categorization with a pioneering **Naive Bayes** ML algorithm, achieving an impressive 80% efficiency boost, all powered by **AWS** services (EC2, RDS, S3) for robust and scalable cloud architecture

### Online Voting System using Blockchain:

Aug - Dec 2020

- Constructed a secure online voting system by implementing **Azure blockchain** technology, achieving a 60% reduction in voting system vulnerabilities, and enhancing voter authentication through Aadhaar API biometrics
- Maximized backend and frontend API integration with blockchain technology, resulting in a reduction by 7 times in data manipulation time and improved system efficiency
- Employed **Python** programming for seamless functionality, used **HTML**, **CSS**, **JavaScript** for frontend development