Divyansh Joshi

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EDUCATION

B.Tech, Computer Science Engineering	Expected 2026
Vellore Institute of Technology	*Bhopal*
Class XII, CBSE (76%)	2022
Choithram School	*Indore*
Class X, CBSE (76%)	2020
Choithram School	*Indore*

EXPERIENCE

Automation Engineer — Dec 2024
LambdaTest — *Remote*
- Implemented logging in Selenium scripts for console, network logs, and screenshots
- Built reusable Python automation frameworks with Selenium and ChromeDriver integration
- Reduced error detection time by 40% through automated test reports and HAR file generation

Indian Space Lab — Dec 2024 - Jan 2025
Government Internship — *Remote*
- Led R&D in Air Taxi development, focusing on autonomous navigation systems
- Developed CanSat and CubeSat components for student satellite projects
- Analyzed celestial data using advanced telescopic equipment

NAS Server Development — 2024
Personal Project — *Remote*
- Deployed NAS server using Proxmox and TrueNAS with 5TB storage and automated backup
- Implemented SSH tunnel for secure remote access with encryption mechanisms
- Optimized performance through RAID configuration and monitoring tools

PROJECTS

E-commerce Platform Development — 2024 - Present
Lead Developer — *Remote*
- Architected and implemented full-stack e-commerce solution using Node.js, React, and Firebase
- Designed responsive UI/UX with modern design principles and cross-browser compatibility
- Implemented real-time data synchronization and secure payment processing integration

Disaster Information Aggregation System — 2023
Full Stack Developer — *Remote*
- Developed real-time disaster data aggregation platform using Java and JavaScript
- Implemented automated data validation and verification systems for multiple data sources
- Created robust error handling and logging system for reliable operation

Fraudulent App Detection Using NLP — 2024
Machine Learning Developer — *Remote*
- Developed a machine learning model capable of detecting fraudulent apps based on user reviews using NLP techniques
- Integrated preprocessing pipelines for text data cleaning and vectorization, improving model accuracy

TECHNICAL SKILLS

Languages:	Java, Python, JavaScript, C++, C#, HTML/CSS, SQL, TypeScript, Kotlin, Swift
Testing & Automation:	Selenium WebDriver, ChromeDriver, LambdaTest, Jenkins, HAR Analysis, TestNG, JUnit
Frameworks & Libraries :	React, Node.js, Express, Spring Boot, jQuery, Angular, Vue.js, Django, Flask
Cloud & DevOps:	Beanstalk, Firebase, Azure, Google Cloud Platform , Docker, Git, CI/CD
Databases:	SQL, MySQL, PostgreSQL, Firebase Realtime Database, MongoDB, Redis
Others	RESTful APIs, GraphQL, WebSockets, OAuth2, Docker, Kubernetes, Microservices, Apache Kafka