

# Vishnu Vasita

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## Skills

**Programming language:** Python, Java, JavaScript, HTML, CSS

**Frameworks & Libraries:** Spring Boot, ReactJS, VueJS, NodeJS, ExpressJS, JUnit, React Router, JWT, Bootstrap, Tailwind CSS, Django

**Cloud Technologies:** Amazon Web Services, Google Cloud Platform, Docker, AWS Lambda

**Databases:** MySQL, MongoDB, DynamoDB, Firebase, Amazon S3 bucket

**Concepts & Tools:** SOLID, Agile, Git, REST API, CI/CD, TDD, Jira, Docker, Postman, YAML, Kubernetes

**Programming language:** Python, Java, JavaScript

## Projects

### **Vendor Valley | Java, Spring Boot, MySQL, Git, SOLID**

- Orchestrated a Java-based event services web application with Spring Boot, achieving a seamless user experience for clients and service providers which seems to improve customer engagement.
- Refined MySQL data operations, utilizing advanced normalization, leading to a notable 20% increase in query execution speed.
- Advocated for SOLID design principles, ensuring system scalability and maintainability.
- Directed a GitLab CI/CD pipeline, accelerating deployment frequency by 30% and bolstering project tracking.

### **Tomazo | ReactJS, JavaScript, AWS, GCP, AWS Lambda, AWS SNS, DynamoDB**

- Pioneered a scalable cloud ecosystem using AWS serverless architecture, enhancing operational efficiency and reducing costs by 25%.
- Masterminded an event-driven notification system with AWS EventBridge and SNS, achieving a 99.9% delivery rate.
- Integrated Google BigQuery analytics, enabling 15% faster insights and supporting data-driven decisions.
- Developed and refined the ReactJS front end, achieving a 40% improvement in user experience metrics.

### **MNV HR | Vue, NodeJS, MongoDB, JWT**

- Designed and launched an HR management system that improved administrative efficiency by 50%.
- Instituted robust JWT security, achieving a zero-compromise rate on user authentication.
- Leveraged Express to construct RESTful APIs, optimizing HR operational processes and data exchange.

### **Towing Manager | Python, Django, MySQL, Android Studio**

- Engineered a Python-based business portal that bolstered user engagement and retention by 35%.
- Developed an Android application, automating administrative tasks, and enhancing operational efficiency by 20%.
- Integrated Android's ML Kit for instant license plate recognition, cutting down service delivery time by 25%.
- Innovated with ExpressJS and NodeJS to build RESTful APIs, enabling real-time data integration for mobile applications

## Work Experience

### **Software Developer | MediaNV**

11/2022 – 02/2023 | Ahmedabad, India

- Delivered end-to-end web development solutions, leveraging NodeJS and VueJS, and contributing to a 30% enhancement in system reliability.
- Executed proficient data management with MongoDB, resulting in a more streamlined and effective database operation.
- Applied Bootstrap principles to craft responsive interfaces, thereby improving mobile user interaction by 50%.
- Administered Git for source control management, maintaining code integrity and enhancing collaborative development

## Education

### **Dalhousie University**

Master of Applied Computer Science

Location: Halifax, Canada

05/2023 – 2024

### **Gujarat Technological University**

Bachelor of Engineering in Computer Engineering

Location: Ahmedabad, India

07/2017 – 07/2021