

# PREM VISPUTE

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Portfolio Site

## SUMMARY

Experienced in software engineering, full-stack development, and frontend engineering for 2 years. A professional merging creativity and technology, consistently infusing innovation into projects. Primarily worked with MERN stack with a knack for travelling and reading on the internet for latest technological developments.

## SKILLS

ReactJS/Redux   NodeJS   SQL/MongoDB   TypeScript   Java   GitHub   Microservices   Docker   Agile  
Python   AI/ML   Transformer Models(Hugging Face)   Natural Language Processing (NLP)   Tokenization  
nltk/spaCy   simpleRAG   ExpressJS   HTML5/CSS3   Javascript/Jquery   REST API   NextJS   NestJS

## PROFESSIONAL EXPERIENCE

### M2P Fintech Pvt Ltd

#### SDE 1

📅 July 2022 – Ongoing

📍 Mumbai, India

- Led UI transformation of Core Banking System (CBS) application using ejs, JavaScript, and jQuery for Turing 3.0, focusing on optimal performance and responsiveness.
- Led a 5 member team for UI design evolution of Turing 4.0 (product) with styled CSS, emphasizing visually compelling and user-friendly interfaces, offering mentorship, addressing obstacles, and playing an important role in task planning, assignment, and scoping.
- Led the migration of Turing 3.0 UI to React framework, introducing dynamic drag-and-drop architecture for enhanced agility resulting in a 98% reduction of time for developing UI interfaces.
- Contributed significantly to backend development using Java and MySQL, ensuring seamless integration and functionality.
- Integrated Docker and AWS services for infrastructure optimization, implemented Flyway for database migration, and utilized Spring framework for application robustness.
- Orchestrated CI/CD pipeline integration to enhance reliability, scalability, and overall efficiency of systems by 50%.
- Tech Stack: ReactJS, NodeJS, JAVA, Javascript/Jquery, HTML/CSS

## INTERNSHIPS

### Nvest Solutions Pvt Ltd

#### Software Development Intern

📅 Dec 2021 – May 2022

📍 Mumbai, India

- Was tasked with web development for life insurance company websites, leveraged the C# .NET framework to craft intuitive and robust forms.
- Tech Stack: C# .NET, HTML/CSS

## PERSONAL PROJECTS

### AI model for answering questions based on a PDF input.

- Developed an advanced question answering system as a simpleRAG using Python, integrating nltk, and spaCy for NLP tasks and custom-trained word vectors for improved accuracy.
- Implemented text extraction and processing from PDF documents using PyPDF2, facilitating efficient information retrieval.
- Conducted extensive data preprocessing and cleaning and developed a custom tokenizer for the same to ensure high-quality input for NLP models, resulting in improved model performance.
- Tech Stack: Python, nltk, spaCy, Hugging Face transformer (simpleRAG), Custom Tokenization

## EDUCATION

### BE in Information Technology

#### University of Mumbai

📅 Dec 2021 – May 2022

CGPA: 8.7

📍 Thane, India