Vishal Sale

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Software Developer

SUMMARY

I'm Currently working as a Jr. **Software Developer** at MPlusSoft, building real-world web apps using TypeScript, PostgreSQL, Sequelize, and Knex. A Full Stack Web Developer who loves turning ideas into powerful websites. Used the OpenAI API to build smart, scalable features for my project (The Art of Visual Storytelling) at Infosys Springboard.

EXPERIENCE

MPLUSSOFT [August 2025 – Present]
Jr. Software Developer – Backend (Onsite):
- ➢ Currently working on WATCHLIST, where Super Admin (SA) creates organizations → organizations create system users (site manager, multi-site manager, store login, custom users (Role)). Users manage sites with multiple CCTV channels supporting face detection and incident handling.
- ➢ Handling API development, database design, app performance improvements, and feature updates.

TOP ANALYTICA – A Division of TOP-OP RESEARCH INSTITUTE PRIVATE LIMITED [June 2024 – June 2025]
Full Stack Web Developer - Backend (Onsite):
- ➢ Worked on both frontend and backend to build, optimize, and deploy secure, user-friendly web applications.

INFOSYS [March 2024 – June 2024]
AI Project Intern (Remote): Certificate
- ➢ Worked on an AI project that used **Hugging Face DETR** model to detect objects in images and **OpenAI (Gpt-3.5-turbo)** model to create stories based on detected object and again combine them to generate a long story.

SKILLS

- ➢ **Languages:** Python, JavaScript (ES6), TypeScript
- ➢ **Front-End:** HTML5, CSS3, React.js, Bootstrap 5, Responsive Design
- ➢ **Back-End:** Node.js, Express.js, Django, REST APIs, Sequelize, Knex
- ➢ **Databases:** MongoDB, MySQL, PostgreSQL
- ➢ **Tools & Platforms:** Git, GitHub, Bcrypt, JWT, Docker
- ➢ **AI/ML:** PyTorch, OpenAI API, Hugging Face Transformers, PIL

PROJECTS

1. **Text Editor:** GitHub
   - ➢ Created a simple text editor in Python with Tkinter, features theme switching, real-time word counting, and a toolbar I could tweak as needed.

2. **The Art of Visual Storytelling Project:** GitHub
   - ➢ Created a system that combines **Hugging Face DETR** for detecting objects in images and used **GPT-3.5-turbo** for generating stories, turning pics into full-on visual tales.
   - ➢ Used technologies Python, PyTorch, Hugging Face Transformers, Pillow, and the OpenAI API.

3. **Book Auction Marketplace:** GitHub
   - ➢ Built a student marketplace Website using MERN, complete with real-time bidding, photo uploads for listings, and secure user authentication.

4. **User Management System (UMS):**
   - ➢ Developed a full-stack web application using the MERN stack to manage and organize user information, with features like color tagging, grouping related records, and generating/downloadable reports or slips.
   - ➢ Implemented advanced tools such as report generation for future trend prediction and record slip downloads in PDF/Image format.

EDUCATION

Savitribai Phule Pune University (SPPU)
Dhole Patil College of Engineering - Pune, Maharashtra   [January 2021 - June 2024]
BACHELOR OF ENGINEERING | INFORMATION TECHNOLOGY
CGPA: 8.08

Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE)
Matoshri Bhagubai Bhambare Science Junior College - Ahilyanagar, Maharashtra   [April 2019 - May 2020]
Higher Secondary Certificate (HSC)
Percentage: 70.92%

Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE)
Z,P,H,S LONI SAYYADMEER – Loni (S), Maharashtra   [April 2017 – March 2018]
Secondary School Certificate (SSC)
Percentage: 83.00%

CERTIFICATIONS

- ➢ Crash Course on Python, Coursera
- ➢ Google IT Automation with Python, Coursera
- ➢ The Complete 2024 Web Development Bootcamp, Udemy
- ➢ Artificial Intelligence Primer Certification, Infosys Springboard
- ➢ MongoDB Developer Toolkit Course, GeeksforGeeks