PANKAJ JAISWAL

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Education

Thadomal Shahani Engineering College	**Nov 2022 – June 2025**
Bachelor of Engineering in Artificial Intelligence and Data Science - 8.7/10	*Mumbai, Maharashtra*
Government Polytechnic Mumbai	**Aug 2019 – July 2022**
Diploma in Information Technology – 92.92 %	*Mumbai, Maharashtra*

Achievement

- Won **Logithon** organized by **Softlink Technologies**, surpassing a field of **60+** teams 🔗
- Emerged as **1st** place winner at **Rubix 24** organized by **CSI TSEC**, surpassing a field of **50+** competing teams 🔗
- Secured **1st** place at **Mumbai Hacks 2023** in the **blockchain** domain among **70+** teams 🔗
- Achieved **1st** Rank by surpassing **60+** teams at **VCET Hackathon 23**, organized by VCET 🔗
- Secured **1st** Rank by outperforming 30+ teams at **CodeVerse 23** Hackathon hosted by BVP 🔗
- Won **1st** prize in **Python** Domain at **Techweek** hackathon by **MGM** College of Engineering and **LetsUpgrade** 🔗

Experience

Supervity	**Feb 2024 – Present**
Backend Developer Intern	*Hyderabad, India(Remote)*

- Enhanced **RAG** accuracy for PDFs containing tables using **camelot** and processed non-tabular data separately
- Developed **RAG** for complex Excel files using **openpyxl**, **GPT-4.O**, **LangChain Agent** for efficient data processing.
- Facilitated natural language queries to retrieve data from the **database**, providing results with visualization options.

SnoozeBUZZ	**March 2023 – Nov 2023**
Software Engineer Intern	*Romania, Bucharest(Remote)*

- Developed a custom chatbot using **Rasa** which is available in **50+** Languages, supports **60+** Voice and Accent.
- Used **Meta Graph API** for **Integration** of Chatbot on various platform like **Whatsapp,Facebook** etc.
- Created voice chatbot with Speech-to-Text, Text-to-Speech & built **50+** RESTful APIs using Django Rest Framework.

Solar Industries India Limited	**April 2022 – Oct 2022**
Backend Developer Intern	*Nagpur, Maharastra(Remote)*

- Developed a module for issue **creation**, **approval**, and management within the **wastage module**.
- Built programs **automating Excel/CSV to database**, resolved development and planning issues.
- Developed **100+** Rest APIs using Django Rest Framework, conducted Quality Assurance testing for bug-free application.

Medius Technologies Pvt Limited	**Jan 2022 – Mar 2022**
Backend Developer Intern	*Mumbai, Maharashtra(Remote)*

- **Built backend** of a loan retrieval app, designed **50+** RESTful APIs with Django Rest Framework.
- Integrated third-party APIs like **BBPS** (Bharat Bill Payment System) and **Razorpay** as payment gateway.

Projects

AI Interviewer - 🔗 **|** *Django, HTML, CSS, JavaScript, DeepFake, Fuzzy Wuzzy*   **August 2021**
- Project aims to provide **real-time interview experience** and boost candidate **confidence** for cracking **interviews**.
- Developed application using **Model-View-Template** architecture with HTML, CSS & Bootstrap for front-end design.
- Used **TensorFlow** SDK for face detection in proctored monitoring and Speech Recognition for user input processing.

Mentor Match - 🔗 **|** *React Native, Django,Whatsapp API,Gemini API,d-id API*   **October 2023**
- Developed an **AI** mentor using **d-id** API which supports Dynamic image(Avatar),used Gemini-pro as the data source.
- Implemented a **video call** appointment booking system to facilitate seamless scheduling of **mentorship sessions**.
- Automated the generation and delivery of **invoices** through **WhatsApp** for efficient communication.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, MySQL, Postresql, Machine Learning,Vector Database
Developer Tools: VSCode, AWS EC2 S3 Bucket, Supabase, Vercel, Github, Git, PgAdmin
Technologies/Frameworks: Django, ReactJs, Rasa, Pandas, Scikit-Learn,Langchain,PyMilvus

Position of Responsibility

- **Senior Committie Member at TSEC CodeTantra** – I successfully organized **TSEC Hackathon'23**, with over **350+** participants, and meticulously managed the **judges panel** for equitable project assessments.
- **Web Developer at TSEC Developer's Club** – I mentored junior team members in web development and contributed to building a website that facilitates teachers and committees in sharing college event updates via the official app.