NISHITH SAVLA

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EDUCATION

Veermata Jijabai Technological Institute   **Nov 2022 – present**
Bachelor of Technology in Computer Engineering (CGPA: 8.74)   *Mumbai, Maharashtra*

K. J. Somaiya Polytechnic   **Aug 2019 – May 2022**
Diploma in Computer Engineering (Score: 99.4%)   *Mumbai, Maharashtra*

EXPERIENCE/INTERNSHIPS

Summer Analyst Intern | *Python, Kedro, MLFlow, DuckDB, PDFMiner*   **Jun 2024 – Jul 2024**
Citi India ↗   *On-site*

- Enhanced ML Workbench to enable Data Wrangling on multiple datasets using Kedro, DuckDB & Spark
- Designed a library to parse complex business PDFs & convert them into JSON embeddings for LLMs
- Performed smart extraction and organization of URLs, images and tables from PDF documents

Freelance Developer | *Python*   **May 2023 – May 2024**
V Vision Alpha - Portfolio Management Services ↗   *Remote*

- Developed and optimized Python scripts for statistical analysis and automated trading strategies
- Boosted performance of legacy scripts by up to 90% through refactoring & optimization
- Enforced coding standards, documentation practices, and version control for improved maintainability

Software Developer | *React Native*   **Aug 2022 – Aug 2023**
Achalgachham App - A utility and updates app for the Achalgachham Jain community members ↗   *Remote*

- Lead the sprint to resolve technical debt of the entire app
- Architected and implemented over 5 modules enhancing core functionality and user experience
- Conducted comprehensive code refactoring improving performance by 50%

PROJECTS

Sahadeva - Intelligent Technical Chatbot | *Python, FastAPI, Langchain, React* ↗   **Aug 2023 - Sep 2023**
A GenAI Chatbot that answers based on business's multimodal data

- Created a Chatbot using Generative AI models like GPT for accurate technical query resolution
- Introduced data pipeline using loaders to support multimodal data grounding even for a text-based model
- Incorporated contextual grounding via document embeddings for coherent, tailored responses

Banking API | *Golang* ↗   **Jan 2022 - Feb 2022**
A secure and scalable Banking API in Golang using Hexagonal Architecture

- Implemented domain-driven design separating business logic from technical details
- Used JSON Web Tokens (JWT) for secure & stateless user authentication.
- Modularized code into API, Auth and Lib packages for better organization & maintainability

ByePass Password Manager | *Flutter, Firebase, Golang* ↗   **Nov 2021 – Dec 2021**
A user-friendly app that manages login credentials with industry-standard security

- Built a cross-platform password manager ensuring industry-standard security and encryption
- Deployed a custom API in Golang for generating secure passphrases with robust wordlist algorithms
- Employed modern encryption (AES-256) and secure hashing (SHA-256) for protecting sensitive login information

SKILLS

Languages: Python, JavaScript, Go, Java, C++, SQL
Developer Tools: VS Code, Git, Jira, JetBrains Suite
Technologies/Frameworks: Flutter, React, Linux, Kedro, MLFlow, PDFMiner, GitHub, Google Cloud
Soft Skills: Leadership, Teamwork, Communication, Public Speaking, Problem Solving

LEADERSHIP / EXTRACURRICULAR

Volunteer & Speaker at various tech meet-ups   Dec 2023 – Present
Cloud Computing Lead & Cloud Study Jam Facilitator at Google Developer Student Clubs, VJTI   Aug 2023 – Present
Student Placement Coordinator at TPO VJTI   Apr 2023 – Present
Co Founder of Ingenious Developer Community   Dec 2022 – Mar 2023