

Shubh Pundir

 github.com/ShubhPundir  linkedin.com/in/shubh-pundir  shb.pndr@gmail.com

Professional Summary

Dynamic and results-oriented software developer with a strong focus on project-based learning and hands-on development. Proven track record as a freelance developer, successfully managing and delivering client projects with impactful results. Committed to continuous learning, creative problem-solving, and producing high-quality, scalable software

Education

The Northcap University <i>Bachelor of Technology in Computer Science Engineering</i>	2022 - 2026 Current GPA: 8.98/10.0
Sri Sri Academy (12th ISC) <i>Physics, Chemistry and Mathematics + Computer Science</i>	2022 Percentage: 90.0
Sri Sri Academy (10th ICSE) <i>Science + Computer Science</i>	2020 Percentage: 94.7

Skills

Languages: C/C++, Java, Python, HTML, CSS, Javascript, SQL/NOSQL, R
Skills: Data Analytics, Data Engineering, Machine Learning, Natural Language Processing, LLM tuning, Recommendation Engines, Computer Vision Models, Web Scraping, PyTorch, TensorFlow, Back-end MVC, Data Structures and Algorithms
Software: Git/GitHub, Unix Shell, Power BI, Tableau, Excel, AWS, Azure AI

Projects

- Food-Stat** | *Python, Flask, Jinja, Gemini, QdrantDB* Dec 2024
- Developed a custom scoring logic and prompt strategy to mimic expert-level nutritional reasoning for accurate and explainable food ratings.
 - Designed context-aware recommendations (e.g., Pregnant Mothers, Infants, Muscle Up, Weight Loss).
 - Implemented chatbots + LLM services calls to streamline user query to any food item which can be fetched via barcode scan.
- Find-DB: Java based Database Engine from Scratch** | *Java, Maven* April 2025
- Developed a lightweight custom binary file based database engine in Java with CRUD operations, import /export and lookups simulating a relational DBMS.
 - Integrated a B+ Tree indexing system for logarithmic-time lookup with prefix-based search using Trie for auto-completion on name and phone number fields.
 - Engine designed to support future modules such as query optimization, transactions, and web-based admin interface.
- AI-Based Music Recommendation System** | *Python, Tensorflow, Spark, NLP, Beautiful Soup4, ReactJS* April 2025
- Extracted audio features (tempo, pitch, MFCCs, etc.) with audio fingerprinting and embedded lyrics using transformer-based NLP models for emotion analysis.
 - Developed a hybrid recommendation logic combining collaborative and content-based filtering with context awareness.
 - Maintained a BigData Warehouse from multiple APIs and vector database setup for scalable search and retrieval.

Experience

- TEN: The Entrepreneurship Network** | *Junior Java Intern* Sep 2021 to Nov 2021
- Analyzed requirements and developed a webpage for multi-media organizations. Implemented RazorPay API, ensuring seamless payment processing and troubleshooting issues related to improving user experience. Collaborated with cross-functional teams to resolve bugs and improve back-end performance by 20%, contributing to efficient transaction processing and user management.
- WDS: Wiz Digital Services** | *Machine Learning Intern* Jan 2024 to May 2024
- Applied NLP on multi-client datasets to encrypt and safeguard sensitive data with 92% accuracy. Partnered with cross-functional teams to integrate privacy-preserving techniques into existing and legacy systems. Implemented NLU principles to build and deploy ChatBots and open-source LLMs, boosting customer satisfaction to 78%.
- VTPL: Vareli Tecsoft Pvt. Ltd.** | *Data Engineering Intern* Jan 2024 to May 2024
- Analyzed service call transaction logs and developed a comprehensive dashboard using Tableau, enhancing data visualization and insights. Translated client requirements into actionable specifications, leading to the successful development of multiple concept documents. Developed a Django-based asset management framework, integrating Win32 API for device registration and software patch management.

Certifications

Microsoft Azure AZ-900
AWS Academy: Data Engineering
Introduction to MongoDB