# Keshavraj Pore

Proof of Work(Portfolio click here)  •  LinkedIn  •  poreg79@gmail.com  •  7378564044

Akurdi, Pune  •  GitHub  •  LeetCode  •  YouTube  •  HackerRank  •  Indian

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## 📇 SUMMARY

I have the ability to identify problems, analyze root causes, and design automation-driven, data-backed solutions using whichever technology best fits the challenge. Being tech-agnostic and adaptable across stacks, I combine problem-solving, and scalable system thinking to deliver impactful outcomes.

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## 🧠 SKILLS

**Programming languages**
**Python :** Data Science(Pandas, NumPy, Scikit-learn), Visualization Libraries(Matplotlib, Seaborn), OOP, DSA, QA(Pytest, Postman, Selenium)
basic c++

**Web Technologies**
HTML, CSS, Basic (Flask, React, Angular, Node.js, Express.js, Json, Javascript, Typescript (Accelerated development and debugging using AI tools like ChatGPT, Copilot, Claude))

**Tools**
Microsoft Excel, Word, PowerPoint, GitHub

**Database Expertise**
Proficient in MySQL with strong knowledge of database management and optimization. Created a free SQL course on YouTube

**Cloud Computing & Tools**
AWS (basic), Azure (familiar), Google Cloud (familiar) GitHub (Version Control, Branching), Postman, Selenium

**Visualization & BI Tools**
Power BI (dashboards, DAX)

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## 📁 PROJECTS

**University Automation: A MCP-Based Integration for Educational Institutions (Copyright Registered – Certificate No. LD-20250175552, Government of India, 2025)**
Tech Stack: Python, Claude AI API, Model Context Protocol (MCP), Large Language Models (LLMs), ETL Pipelines
developing an AI-powered, privacy-preserving university automation framework using Python, LLMs, and Model Context Protocol (MCP) to securely process academic data offline without external uploads. It features ETL pipelines for automating placement coordination, test paper generation, and assignment workflows, aiming for a 40% reduction in manual effort. The system's AI-driven architecture has received Copyright Registration (Certificate No. LD-20250175552) from the Government of India, recognizing its innovation in privacy-aware AI, model orchestration, and data-centric automation.

**Portfolio- Strategically optimized personal website for SEO, resulting in the site ranking #1 on Google and Safari for the search term "Keshavraj Pore"**
HTML, CSS, JavaScript, React Framework, Github API, YouTube API, Gemini API
Created a smart portfolio showcasing my YouTube channel, GitHub projects, ChatBot, gamified SQL, and automation tools(which I plan to build in the future) Link: https://keshavrajpore.netlify.app/

**Voice Based Billing system**
Tech Stack: Python, Streamlit, SpeechRecognition, Pandas, NumPy
Engineered a voice-activated billing interface enabling hands-free item entry by reducing 60% time for item entry, dynamic total calculation, and receipt generation. Designed for accessibility-centric retail environments, the system lays groundwork for future UPI integration , real-time transaction processing and and generate detailed billing reports for enhanced business insights.
Link: https://github.com/Keshavraj52/voice-based-billing-system

**Virtusa Technology Orientation for Faculty (VTOF)**
Tech Stack: Angular, HTML, CSS, and JSON
Developed a responsive website for Star Finance's digital platform using the Angular framework, focused on gold and silver loan services — completed during 2nd year and earned official project certification. Link: https://financegold.netlify.app/

**Disease Prediction and Cure**
Tech Stack: Flask, Scikit-learn (SVC), Pandas, NumPy, HTML/CSS, Pickle
Developed a machine learning-powered diagnostic tool that predicts diseases based on user symptoms. The system leverages SVC classification and serialized models for real-time inference, with an accuracy of 87%. Future enhancements are planned via MCP integration to incorporate environmental health data.

**Business Performance Analytics Dashboard**
Tech Stack: Power BI, SQL, Advanced Analytics
Integrated and analyzed Shop Data and UK Bank Data, transforming complex datasets into **clear, concise, and actionable insights**. Link:https://www.linkedin.com/feed/update/urn:li:activity:7152706955533312000/

## 📑 COPYRIGHTED WORK

*University Automation : A MCP-based Integration for Educational Institutions* (Certificate No. LD-20250175552, 2025), recognized by the Government of India for AI-driven innovation.

## 💼 PROFESSIONAL EXPERIENCE

**INTERNSHIP : Microdream Software Consultancy, Pune**                    12/2024 – 02/2025
Gained experience in Angular, HTML, CSS, TypeScript, Node.js and MySQL. I contributed to                    Pune
frontend development using Angular, designed user interfaces with HTML and CSS, and optimized
databases with MySQL.

## 🗃️ CERTIFICATES

**SQL and Relational Databases 101**                    **Complete Data Science And ML**
by IBM                    by udemy

**Introduction to Data Science**                    **Statistics and Hypothesis Testing for Data science**
by CISCO                    by Meritshot Academy

## 🎓 EDUCATION

**B.E in Artificial intelligence and data science**                    2022 – 2026
Dr. D. Y. Patil institute of engineering management and research, Akurdi. CGPA**:** 7.7/10                    Pune, India

**Honours in Cybersecurity**                    2024 – 2026
Dr. D. Y. Patil Institute of Engineering, Management and Research, Akurdi                    Pune, India

**HSC**                    2021 – 2022
Siddhanath high school and jr college, Mhaswad. Percentage: 70.67                    Mhaswad, India

**SSC**                    2019 – 2020
K. B. P, college of agriculture and jr college devapur. Percentage: 82.80                    Devapur, India

## 🏅 AWARDS

Winner of  Vertexo 4.0

Runner up at PCCOE's Spectrum 2023

Third prize at DYPIEMR's Model Demonstration

## 🧩 ACHIEVEMENTS

Joint Web Advisor at Novus Neurons College Club.
Team Leader in Smart India Hackathon (2x).
Tech Head at ACM College Club.
Solved 80+ problems (DSA & SQL) on LeetCode and HackerRank, demonstrating **analytical thinking, query optimization, and problem-solving efficiency**.