DHUNESHWARAN V

Aspiring Software Engineer | Full-Stack Development | Python • Java • SQL | AI & Data Science

+91 9159546999 | dhuneshwaran4@gmail.com | LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

Results-driven AI & Data Science undergraduate (CGPA: 8.85/10) with hands-on grounding in software engineering fundamentals, full-stack application development, and API development using Python, Java, and SQL across the SDLC. Experienced in building machine learning models, and data visualization solutions with Git version control, Agile methodologies, and knowledge of cloud computing fundamentals. Demonstrated problem-solving, analytical thinking, and collaborative delivery through two technical internships and multiple end-to-end AI/data projects, with a continuous-learning mindset suited to fast-paced Agile teams. Seeking to bring this technical versatility to an Advanced Technology Engineer role at Accenture.

EDUCATION

B.Tech, Artificial Intelligence & Data Science | Saveetha School of Engineering — CGPA: 8.85 / 10

Higher Secondary (XII) | R V Matriculation Higher Secondary School — 2023

Secondary School (X) | R V Matriculation Higher Secondary School — 2021

EXPERIENCE

Artificial Intelligence Intern | *Infosys Springboard Internship 7.0* — Jun 2026 – Aug 2026

Intelligent Event Management Platform

- Developed core modules for an AI-integrated event management platform using Python and Flask, delivering registration, scheduling, and event coordination features.
- Implemented user authentication, SQLite database management, and REST API backend functionality, applying software engineering fundamentals across the full application development lifecycle.

Tech Stack: *Python, Flask, SQLite, HTML, CSS, JavaScript*

Data Science Intern | *Edu-versity* — Jul 2025 – Sep 2025

- Analyzed real-world datasets and built machine learning models using Python, Pandas, NumPy, and Scikit-learn to generate predictive analytics and actionable business insights.
- Designed business intelligence dashboards and data visualizations using SQL, Tableau, and Power BI, supporting data-driven decision-making for stakeholders.

Tech Stack: *Python, Pandas, NumPy, Scikit-learn, SQL, Tableau, Power BI*

TECHNICAL SKILLS

Programming Languages: Python, Java, SQL, R
Web & API Technologies: HTML, CSS, REST APIs
Frameworks & Libraries: Flask, FastAPI, Streamlit, Pandas, NumPy, Scikit-learn
Database Management: MySQL, PostgreSQL, SQLite, DBMS
Machine Learning & Analytics: Regression, Classification, Random Forest, XGBoost, ARIMA, NLP, Model Evaluation, EDA, Statistical Analysis, Predictive Analytics
Cloud, Tools & Version Control: Cloud Computing Fundamentals, Git, GitHub, VS Code, Jupyter Notebook, Power BI, Tableau
Methodologies & Practices: SDLC, Agile Methodology, Object-Oriented Programming (OOP), Data Structures & Algorithms, Operating Systems

PROJECTS

KnoVault – AI-Powered Personal Knowledge Management System

- Engineered a full-stack application using React Native, FastAPI, and PostgreSQL, enabling structured note organization, task reminders, and calendar integration to improve personal productivity.
- Integrated AI-driven note summarization through REST APIs, streamlining information retrieval and reducing time spent searching for stored knowledge.

Tech Stack: *React Native, FastAPI, PostgreSQL, TypeScript*

Personal Finance Analytics & Expense Management System

- Built a financial analytics platform using Python, Streamlit, and PostgreSQL to automate expense tracking, categorization, and budget analysis, improving visibility into spending patterns.
- Applied machine learning techniques with Pandas and Scikit-learn to build interactive dashboards and predictive insights, supporting data-driven financial decision-making.

Tech Stack: *Python, Streamlit, PostgreSQL, Pandas, Scikit-learn*

AI-Powered Medical Chatbot for Symptom Analysis

- Designed and developed an NLP-based healthcare chatbot using Python, Flask, and Scikit-learn, applying TF-IDF and machine learning models to deliver accurate symptom analysis.
- Implemented intelligent symptom mapping and emergency-case detection logic, demonstrating applied problem-solving and software engineering practices in a healthcare use case.

Tech Stack: *Python, Flask, Scikit-learn, NLP, TF-IDF, Pandas, HTML, CSS, JavaScript*

CERTIFICATIONS

- Oracle Database SQL Certified Associate
- Oracle Certified Professional – Java SE 11 Developer
- Infosys Springboard Internship 7.0 – Completion Certificate

SOFT SKILLS

Core Strengths: Problem Solving, Analytical Thinking, Team Collaboration, Communication Skills, Adaptability