Abhishek Gowda T

Passport: C1455150 | **Work permit:** German, Indian | **Date of birth:** 05/05/2000 | **Place of birth:** Bangalore, India | **Nationality:** Indian | **Gender:** Male | **Phone number:** (+91) 7022298028 (Home) | **Phone number:** (+49) 15510733747 (Work) | **Email address:** abhishekgowdat05@gmail.com | **LinkedIn:** https://www.linkedin.com/in/abhishek-gowda-t-180002211/ |

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ABOUT ME

Motivated and dedicated software developer with a strong commitment to continuous learning and professional growth. Passionate about working with cutting-edge technologies and delivering high-quality solutions. Seeking to contribute effectively to organizational success through a positive attitude, strong work ethic, and a focus on innovation and collaboration.

WORK EXPERIENCE

ERUNA TECHNOLOGIES INDIA PRIVATE LIMITED – BENGALURU, INDIA

SOFTWARE DEVELOPER – 20/03/2025 – 28/09/2025

- Used.NET Core (8.0) to design and develop RESTful APIs for a mobile app and web application for a human resource management system (HRMS) ,Payroll System,Attendance System etc.
- Used CQRS pattern was used to separate concerns, enhancing system scalability and maintainability.
- For database operations, used code-first migrations and LINQ-based querying.
- Used Entity Framework Core,Dependency injection.
- Worked on Role-based authorization and JWT based authentication was combined to manage access control and secure APIs.
- Swagger was used to document APIs so that frontend and mobile teams could easily integrate them in there front-end technologies.
- Resolved issues both development and production settings.
- Used Jira for task management and Used Git and Git branchs between the team and Production to Push/Pull the code.
- Technologies used C#,.NET Core, Amazon S3, Mongo DB, PostgreSQL,Postman,Visual Studio

EMPLOYEE BASED SYSTEMS LLC. – BENGALURU, INDIA

SOFTWARE DEVELOPER – 01/01/2023 – 31/01/2025

2.1 Years of working Experience in Company called Employee Based Software Private Limited, worked on ASP.NET Framework Project in this company.
Projects:

1. Payroll Management System
    - Developed RESTful Web APIs for payroll processing.
    - Designed and implemented dynamic user interfaces using ASP.NET.
    - Debugged and tested back-end APIs for reliability.
    - Created detailed payroll reports using RDLC Report Viewer.
    - Database First Approach
2. HR Management System (HRMS)
    - Developed and maintained Web APIs and ASP.NET UI components.
    - Authored technical documentation for system architecture and features.
    - Optimized complex SQL queries and resolved performance issues.
3. Time and Attendance System
    - Implemented features for managing employee timesheets.
    - Created responsive front-end UI in ASP.NET.
    - Troubleshot and resolved issues in production and staging environments.
4. Punching Clocks Integration (Windows Application)
    - Developed modules for data synchronization from punching clocks.
    - Designed and implemented UI using WebForms.
    - Identified and resolved critical functional issues.

5. Punch Clock Windows Service
    - Built Windows Service for background data processing tasks.
    - Managed Web APIs for data exchange with other systems.
6. Mobile Application for Employees
    - Designed and developed a Xamarin-based mobile app for Android.
    - Implemented employee self-service features and payroll tracking.
    - Packaged and distributed APKs for deployment on Android devices.

Used Technologies : C#, Dot Net Core, Dot Net Framework , MS SQL, SQL SERVER,Visual Studio, Xamarin , RDLC Report Viewer, HTML ,CSS ,JavaScript ,JQuery, Bootstrap 5

EDUCATION AND TRAINING

29/09/2025 – CURRENT Berlin, Germany
MASTER'S IN DATA SCIENCE University of Europe for Applied Sciences

Website https://www.ue-germany.com/ | **Field of study** Data Science | **Level in EQF** EQF level 7

2018 – 2022 Bengaluru, India
BACHELOR OF ENGINEERING Rajarajeswari College of Engineering(Visvesvaraya Technological University)

Field of study Computer Science | **Final grade** 7.27 CGPA

2016 – 2018 Bengaluru, India
PRE-UNIVERSITY Sri Vani Vidhya Kendra PU College(Department Of Pre-University Education)

Final grade 58%

2016 Bengaluru, India
SSLC The New Cambridge High School

Final grade 74%

PROJECTS

Multiclass Pathology Classification using Deep Learning

To develop a non-invasive, reliable, and deep learning-based system that classifies voice disorders into three main types using speech signal analysis:
-Hyperkinetic dysphonia
-Hypokinetic dysphoniae
-Reflux esophagitis

Employee Self-Service Chatbot (LLM + FastAPI + PostgreSQL + Ollama)

Used FastAPI, PostgreSQL, and a locally hosted LLM (Ollama – Llama3) to create an AI-powered employee self-service chatbot. Designed the system to use natural language to respond to HR inquiries about leave balance, future leaves, personal information, and new leave requests.
Implemented secure identity handling through session-based memory so employees can interact conversationally (e.g., “my leave balance”, “apply sick leave tomorrow”). Created back-end logic to handle database operations, interpret and validate employee queries, and use LLM reasoning to produce responses that resemble those of a human. developed a modular architecture with distinct layers for LLM orchestration, conversational memory, database operations, and REST API endpoints. Swagger was incorporated for documentation and API testing.
Tech stack:
FastAPI, Python, PostgreSQL, Ollama (Llama3), REST API, Regex NLP parsing, Swagger UI, Uvicorn

Link https://github.com/AbhishekGowda03/ChatBot-LLM-with-DB-connection

Customer Churn Prediction – Machine Learning Project

Developed a machine learning–based churn prediction system using the Telco Customer dataset to identify customers likely to discontinue service. Achieved about 80% accuracy in data cleaning, feature engineering, one-hot encoding, and Random Forest classifier model training. Built an interactive Streamlit web app for real-time churn risk evaluation using customer attributes.
Plotly-based integrated visualization dashboards for the analysis of high-impact behavioral factors and churn distributions.
Used GitHub to integrate version control and make the application publicly available for demonstration.

Tech stack: Python, Pandas, NumPy, Scikit-Learn, Plotly, Streamlit, Git.

Links https://customerchurnpredicti0n.streamlit.app/ | https://github.com/AbhishekGowda03/customer_churn_prediction

Respiratory Diagnosis Expert System (Rule-Based AI)

Developed a rule-based expert system using Python and Streamlit for preliminary interpretation of respiratory symptoms. Implemented explicit IF–THEN rule logic to simulate clinical reasoning, enabling transparent inference and explainable output. Built an interactive UI for symptom collection and real-time reasoning display. illustrated the traditional expert system architecture, which consists of a knowledge base, an inference engine, and a reasoning trace.

Links https://expert-system-for-preliminary-diagnosis.streamlit.app/ | https://github.com/AbhishekGowda03/Rule-Based-Expert-System-for-Preliminary-Diagnosis-of-Common-Respiratory-Conditions

Textie Web Project (React.js)

TEXTIE web project using React.js where in this project used to customize text like uppercase and lowercase and some other functionality using javascript

Link https://textie.vercel.app/

DBMS Mini Project (School Management System)

Using HTML, CSS for the front end development PHP for back end development .My SQL Database

Zee5 Website Clone (HTML/CSS, Bootstrap)

Link https://zee5-clone-beta.vercel.app/

SKILLS

Programming Languages

C# | Python | Core Java

Databases

PostgreSQL | MongoDB | MS SQL | SQL | My SQL

Web Development

HTML | CSS | React.js | JavaScript | Bootstrap

ASP.NET Technologies

Web API | ASP.NET Core | CQRS | ASP.NET Framework | Entity Framework | ADO.NET,

Other Tools

Windows Services | RDLC Report Viewer | Xamarin | TFS

PUBLICATIONS

2022

Multiclass Pathology Classification in a Voice Signal using Deep Learning Technique

The paper proposes a deep learning-based approach for the multiclass classification of voice pathologies using speech signals. It utilizes MFCC for feature extraction and compares models including Random Forest, Logistic Regression, and CNN, achieving an overall accuracy of up to 97.7%.

Multiclass Pathology Classification in a Voice Signal using Deep Learning Technique. International Journal of Research and Analytical Reviews, Vol. 5, Issue 3.

Authors: Abhishek Gowda T | **Journal Name**: International Journal of Research and Analytical Reviews (IJRAR) | **Volume, Issue and Pages**: Vol. 5, Issue 3 | **Publisher**: IJRAR

LANGUAGE SKILLS

Mother tongue(s): **KANNADA**

Other language(s): **ENGLISH** | **GERMAN(A1)** | **HINDI**

HOBBIES AND INTERESTS

Cooking, Playing Cricket, Swimming, Watching Sports

CERTIFICATES

Java Training at "Jspider" Rajajinagar, Bangalore

HTML, JavaScript & Bootstrap Certification – Udemy

Full Stack Web Development Internship – Tequed Labs Pvt Ltd