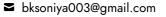
SONIYA BASAVARAJ

Full Stack Developer | Python Programmer | AI/ML Developer



& 8431420140

Yellapur, UttaraKannada

3/02/2003

in linkedin.com/in/soniya-bk

github.com/Soniya2511

@ My Portfolio/Soniya2511



PROFESSIONAL SUMMARY

Computer Science and Engineering graduate with hands-on experience in software development, AI/ML, and data analytics through academic projects and internships. Proficient in Python, JavaScript, SQL, Flask, and React. Skilled in building scalable solutions, integrating databases, and creating user-friendly interfaces. Passionate about problem-solving and continuously improving technical expertise.

EDUCATION

Bachelor of Engineering in Computer Science & Engineering, MMCT, Visvesvaraya Technological University — Mangalore

CGPA: 8.06 2021-2025

INTERNSHIP

AI/ML & Data Analytics Intern,

Zephyr Technologies & Solutions Pvt. Ltd. Mangalore

- Built Power BI dashboards and Excel reports for performance visualization.
- Applied ML models for Fake News Detection and Student Performance analysis.
- Executed SQL assignments using JOINs, GROUP BY, and filtering operations.

Full Stack Development Intern, Thanya Technology

- Developed full-stack web applications with frontend and backend integration
- Gained basic React exposure and improved front-end logic using JavaScript.
- Built projects with HTML, CSS and JavaScript
- Received certification in full-stack development

LANGUAGES

English

Kannada

Hindi

SKILLS

Programming

Python, JavaScript, SQL, HTML, CSS, PHP

Languages

Python, C/C++, JavaScript, PHP, SQL

Frameworks/Tools

Flask, React.js, MySQL, Power BI, Swagger, Postman

Libraries

NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn

Other

Git/GitHub, UI/UX Design, Excel

Core Competencies

Problem Solving, Data Structures & Algorithms, API Development, Database Design, Data Visualization

CERTIFICATES

- Internship completion in AI/ML & Big Data Zephyr Technologies
- Machine Learning with Python Coursera
- Self-learned UI/UX & JavaScript Basics through YouTube
- Final Year Seminar on "Adversarial Machine Learning" (VTU Technical Seminar 2025)

PROJECTS

Real-Time Movie Ticket Booking System, PHP, MySQL, HTML, CSS

• Developed complete booking system with seat selection, payment integration & admin panel to manage users, bookings.

Multiple Disease Prediction System, Flask, Python, SVM/Logistic Regression

- Built ML models to predict Diabetes, Heart Disease, and Parkinson's with 93%+ accuracy.
- Developed responsive Flask UI using Jinja templates and CSS.

Scalable Task Scheduler API, Flask, MySQL, Swagger

- Built REST APIs using Flask for priority-based task management using Max-Heap logic.
- Documented endpoints via Swagger; integrated MySQL for persistent storage.

Food Recommendation System, Python, Flask, TF-IDF, Pandas

- Built a content-based food recommendation engine using cosine similarity on a real-world recipe dataset to suggest top meals based on user preferences.
- Designed and deployed a Flask-based user interface for real-time interaction and personalized recommendations.