

# SUBBULAKSHMI E

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<https://github.com/Subbulakshmi1176> | <https://subbu-portfolio-17.vercel.app/>

## EXECUTIVE SUMMARY

Highly motivated and results-driven aspiring Software Engineer with a strong foundation in Java, Python, and SQL for developing robust, scalable applications. Proven ability to contribute across the Software Development Life Cycle, version control Git and complex problem-solving, demonstrated by 300+ LeetCode problems solved. Passionate about building innovative, data-driven software solutions.

## EDUCATION

<b>St. Joseph's Girls Hr Sec School, Arni</b>	<b>2019 - 2020</b>
SSLC	83%
<b>St. Joseph's Girls Hr Sec School, Arni</b>	<b>2020 - 2022</b>
HSC	84%
<b>Adhi College of Engineering and Technology.</b>	<b>2022 - 2026</b>
BTech / ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	CGPA –8.8

## SKILLS

- **Languages & DB:** Java, Python, SQL, MongoDB
- **Web Development:** HTML, CSS, JavaScript
- **Tools:** Git, VS Code, Vercel, Render, Power BI

## PROJECTS

### 1. Parkinson's Disease Detection Using Ensemble Models and Feature Selection

Developed an ensemble-based machine learning model using XGBoost and feature selection to accurately detect Parkinson's disease from biomedical data.

### 2. DocChat: Document Q&A Chatbot (Gemini API)

Built a chatbot using the Gemini API that answers questions and summarizes uploaded documents with natural, context-aware responses.

### 3. AI Emotion-Aware Study Assistant

Created an AI assistant that detects student emotions from **voice data** and provides adaptive study suggestions and motivational feedback.

### 4. AI-Powered Resume Strength Checker

Developed an NLP-based web tool that evaluates resume quality, keyword relevance, and provides improvement recommendations.

## INTERNSHIP

### Infinity Cosmos

- Learned Git & GitHub for version control and collaborative development.
- Worked on real-world projects, improving coding practices and workflow.

### Journey to Cloud – IBM SkillsBuild

- Completed cloud computing modules and hands-on exercises on IBM SkillsBuild.
- Gained practical experience in deploying and managing cloud applications.

## INTERESTS

Photography & editing, Video editing, Reading, learning new technologies, and problem-solving.