

SOUJANYA S P

+918088091773 ◇ spsoujanya02@gmail.com ◇ Sagara, Karnataka, India ◇ [LinkedIn](#)

SUMMARY

To secure a challenging Backend Engineer role where I can leverage my expertise in Java, Python, and SQL to design and develop scalable APIs and cloud-integrated applications. I aim to contribute to innovative product development in a collaborative environment while continuously advancing my skills in backend systems and cloud technologies.

PROJECTS

Movie Recommendation System (Python, Streamlit, KNN)

- Developed a recommendation engine using the K-Nearest Neighbors algorithm.
- Built a modular and reusable codebase with an interactive Streamlit interface.
- Processed large movie datasets to deliver personalized and efficient suggestions.

NoteFlow (A secure NoteEditor)

- Built NoteFlow, a secure web-based note editor with real-time auto-save and cloud storage using PHP, MySQL, JavaScript, and Tailwind CSS.
- Implemented AJAX-based synchronization and rich text editing, enabling smooth creation, editing, and retrieval of notes with unique secret IDs.
- Developed a responsive and intuitive UI for seamless access across desktop and mobile devices.

Face Biometric Management System using Open CV and MYSQL

- Built a real-time biometric attendance system using Python and OpenCV.
- Implemented multithreading to improve recognition speed and scalability.
- Secured and managed face data in a MySQL database with reliable storage.

EXPERIENCE

Backend Engineer Intern , Sanskriti Labs Bangalore	Oct 2025 – Dec 2025
• Developed and tested RESTful APIs using NestJS for smooth data exchange between frontend and backend systems.	
• Worked on data integration and database operations, ensuring efficient and accurate data flow across modules.	
• Collaborated with the team to optimize backend performance and maintain code quality through debugging and API testing tools.	
Machine Learning Using Python , Cranes Varsity Bangalore	Mar 2024
• Completed an 80-hour internship focused on Machine Learning using Python.	
• Gained hands-on experience in implementing ML algorithms and techniques.	
• Participated in projects that applied machine learning to real-world problem-solving.	
Data Analyst Intern	Apr 2025 – May 2025
Elevate Labs Bangalore	
• Analyzed business datasets and built interactive Tableau dashboards.	
• Used Python for data preprocessing and exploratory analysis.	
• Delivered actionable insights that supported decision-making.	

SKILLS

Programming Languages	Java, Python, API Development, Node.js
Web & Database Technologies	Streamlit, MySQL, PostgreSQL, OpenCV
Data Analysis & Visualization	Pandas, NumPy, Matplotlib, Tableau, Excel
Backend Development	NestJS, Express.js, RESTful API Development, Authentication (JWT), Middleware
Tools & Platforms	Handling, ,TypeORM, Data Integration (ETL, structured/unstructured data) Jupyter Notebook, AWS (Cloud Practitioner Essentials), GitHub

EDUCATION

MS RAMAIAH COLLEGE OF ARTS, SCIENCE, AND COMMERCE – Bangalore	2024 -Present
• Master of Computer Applications (MCA) Pursuing	
PES INSTITUTE OF ADVANCED MANAGEMENT STUDIES, Shivamogga	2021 -2024
• Bachelor of Computer Application (BCA) Kuvempu University CGPA : 9.38/10	
MAHESH PU COLLEGE, Shivamogga	2020 – 2021
• Percentage : 98	