

SOUNDARYA MB

Software Development Engineer

A highly driven and detail-oriented Software Development Engineer with hands-on experience in Python, web technologies, and data analysis. Adept at applying theoretical knowledge to real-world scenarios through internships and personal projects. Passionate about building scalable applications and solving complex problems using innovative software solutions. Eager to contribute to fast-paced, agile teams and deliver impactful products.

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EDUCATION

Master of computer Application

Pooja Bhagavat Memorial Mahajana Post Graduate Centre, Mysuru

02/2023 - 08/2024

Mysore

Bachelor of computer Application

JSS science and Technology University

04/2019 - 03/2022

Mysore

PUE

B.G.S PU COLLEGE

06/2015 - 03/2017

Mysore

PERSONAL PROJECTS

E-Grievance

- Developed a citizen support Android application to streamline communication with civil authorities.
- Utilized Java, SQLite, and XML in Android Studio for development.

Women Safety Using Android

- Built a mobile safety solution using Java and Android to alert trusted contacts in emergencies.
- Integrated GPS and messaging features for real-time location sharing.

UNDERWATER IMAGE ENHANCEMENT

- Designed a machine learning pipeline using GANs to enhance underwater image quality.
- Implemented using Python, TensorFlow, and Jupyter Notebook.
- Achieved notable improvements in color correction and detail restoration.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, SQL

Web Technologies: HTML5, CSS3, Bootstrap, React.js, Node.js, Express.js

Database Management: MySQL, MongoDB, SQLite

Data Science & ML: NumPy, Pandas, Matplotlib, TensorFlow, Keras, GANs

Tools & Platforms: Android Studio, Jupyter Notebook, Visual Studio, Git, GitHub, Figma, MS Excel

Development Methodologies: Agile, Waterfall

Other Skills: SDLC, Data Cleaning, Query Optimization

ORGANIZATIONS

NextGen Solutions (07/2024 - 08/2024)

Data Analyst Intern

Pentagon Space (12/2024 - 04/2025)

MERNSTACK

CERTIFICATES

Data Analyst – NextGen Solution
(07/2024 - 08/2024)

Pentagon Space MERNSTACK certificate
(12/2024 - 04/2025)

Completed MERNSTACK course with certification

LANGUAGES

English
Full Professional Proficiency

Kannada
Full Professional Proficiency

INTERESTS

Travelling

Sketch