Arpita Kognur

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Carrer Objective: To secure a challenging position in a reputable organization where I can apply my problem solving skills, continuously enhance my knowledge, and make meaningful contributions to the company's success through innovative solutions and effective teamwork.

Location: Bengaluru, India

Academic records:

Certification	Institute	Board/university	Grade	Academic year
B.E(ISE)	P.D.A College of Engineering, Kalaburagi	VTU university, Belgaum	6.75	2020-2024
PUC	Sharanbasveshwar Pu college, Kalaburagi	State board	74	2018-2020
SSLC	Sharanbasveswar Residential High school, Kalaburagi	State board	84.96	2017-2018

Academic Projects:

1. Title: Crime Rate Prediction

- Summary: Developed a machine learning model to predict crime rates based on historical and socio-economic data. The project involved data preprocessing, feature engineering, and model selection using algorithms such as Linear Regression and Random Forest. Evaluated model performance using metrics like R² score and RMSE. Visualized crime trends and model insights using Matplotlib and Seaborn to support decision-making and pattern analysis.
- Technologies used: Python, Machine learning, Time series analysis.

2. Title: Brain Tumor Detection Using Deep Learning

- Summary: Developed a deep learning model to detect brain tumors from MRI scans with high accuracy. Applied image preprocessing techniques for better clarity and results. Trained and optimized the model to improve performance. Added a feature to highlight the tumor area in the scan for easy understanding. Integrated a hospital locator to show nearby medical centers for quick help. Aimed to support faster diagnosis and timely treatment.
- **Technologies used:** Python, Deep learning, Image Processing(CNN).

Technical Skills:

- Java:
- -Proficient in Java with expertise in **OOP** principles.
- -Skilled in implementing **Conditional Statements** for decision-making.
- -Good understanding of Exception handling.
- -Experience with **thread creation**, synchronization, and thread pools.
- -Exposure to File handling, generics.

Web technologies:

-Proficient in building responsive and semantic web pages using **HTML** and **CSS**.

· SQL:

- -Proficient in writing SQL queries with joins and subqueries for complex data retrieval.
- -Skilled in designing and managing relational databases with normalization principles.

Internship/Certifications:

• Java Full stack, Jspiders

Completed 6 months of Java Full Stack Training, gaining a solid foundation in Full Stack Development including Java, HTML, CSS, SQL.

• Python Internship

I completed my Internship in Ethnotech Academy as an intern for 1 month on

'Image processing tools and Python'.

AWS cloud foundations

Completed a 'AWS cloud foundations' from AWS academy.

Personal Details:

• **Date of Birth:** 05 March 2003

• Languages Known: Kannada, Hindi, English

• Nationality: Indian

• Permanent address: Home no 2-272 near Annapurna hospital jagat, Kalaburagi-585103

Declaration:

I hereby declare that the information provided above is true to the best of my knowledge and belief.

Date: 10-08-2025

Place: Kalaburagi, Karnataka