Shri Dhathri P.M

📞 +91 6362925156 • dhathridhatu@gmail.com • in shri-dhathri • ○ ShriDhathri

OBJECTIVE

Computer Science and Data Science student skilled in machine learning and Python. Completed projects in sales prediction and health data analysis, including ongoing oral cancer detection. Research Scholar intern at BITS Pilani. Certified in Data Analysis, with hackathon and workshop experience. Strong collaborator; passionate about data-driven solutions.

EXPERIENCE

BITS Research Scholar May 2025 - Present
B.I.T.S Pilani

– Developed deep learning models for a Goa government oral cancer detection project, accurately predicting and classifying cancerous regions from patient image data.

– Streamlined data integration for analysis by implementing OCR to extract patient records from handwritten ledgers, informing dashboards and pattern analysis.

EDUCATION

Ananda Sai Shikshana Samsthe 2019
SSLC - Percentage: 93%

Vikasa Pu College 2021
PUC (Pre-University Course) - Percentage: 94%

Visvesvaraya Technological University Nov. 2022 - May 2026
B.Tech in Computer Science and Engineering (Data Science) - CGPA: 8.7/10

PROJECTS

Oral Cancer Detection — Python, Machine Learning, Deep Learning

– Applied Deep Learning methods to identify cancerous and non-cancerous regions. Utilized real-world image data to build a classification model using MobileNet and U-Net. Achieved 85% accuracy, with ongoing efforts to explore new models for improved performance.

Blinkit Data Analysis — Power BI, EDA

– Provided insights into delivery times, customer behavior, and operational efficiency, enabling data-driven decision-making to optimize performance. Developed a dashboard to analyze sales, production, and resource management for efficient business operations.

Mira-ChatBot — ML, FastAPI, DialogFlow

– Built a trained chatbot using DialogFlow and integrated it into a food-based website. Enhanced a menu-display website by integrating a responsive chatbot, trained with DialogFlow and implemented using FastAPI as the backend.

TECHNICAL SKILLS

Languages: Python, C, HTML/CSS

Developer Tools and Operating System: VS Code, Figma, Windows, Github, Canva, Linux

Technical Skills: Power BI, Tableau, Excel, MongoDB, MySQL, FastAPI, ML, TensorFlow, Pytorch, Deep Learning, MCP

Soft Skills: Teamwork, Leadership, Communication, Problem-Solving, Adaptability, Critical Thinking

ACHIEVEMENTS AND CERTIFICATIONS

A Comprehensive Review on ML Technologies to Predict Breast Cancer — IEEE Publication, July 2025 Published a review in IEEE on machine learning for breast cancer prediction, evaluating SVM, Random Forest, and Neural Networks for early detection.

Presentation at Infosys Bangalore DC: Presented Breast Cancer Detection using Predictive Analysis project in Celebrating Tech - AI in Action, October 2024.

Conducted STEM Workshop for Scouts Guides: Guided participants in STEM concepts, emphasizing ATM technology.

TCS TechBytes (2025): Selected as a top regional finalist from Mangaluru division and secured 5th rank in the TCS Techbytes Quiz competition.

Certifications: Python for Everybody, Data Analysis using Excel, Power BI from Infosys Springboard, Python for Data Science, Artificial Intelligence and Machine Learning, and solved 100+ problems on LeetCode.