

# Firdous Fatimah

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## 🎓 EDUCATION

**Amrita Vishwa Vidyapeetham,**  
*Bachelor of Technology in Computer Science and Engineering*  
CGPA: 9.37

2022 – 2026  
Amaravati, India

## 📁 PROJECTS

**SignatureSafe, Secure Verification System** [🔗](#) 01/2025

- Achieved 93.6% accuracy in detecting forged signatures using MobileNet architecture and advanced image processing techniques.
- User-friendly interface allows for quick uploads and instant feedback, ensuring a seamless experience.
- Recognized for its significance in security, with the project accepted for publication by IEEE

**Plan It Pal, AI Itinerary Planner** [🔗](#) 10/2024

- Developed an itinerary generator using React that utilizes AI(API) to create personalized travel plans for up to 14 days.
- Effortlessly recommends places and activities based on user preferences and interests.
- Integrated real-time updates and community insights for enhanced travel experiences.

## 🧠 SKILLS

### Technical

Proficient in C++ and Python. Experienced in TensorFlow, Flask, Tkinter, MySQL, and Git version control system.

### Soft Skills

Effective communicator; adaptable; skilled problem solver; collaborative team player.

### Data Science

Applied machine learning and deep learning techniques using the TensorFlow framework and Tableau for data analysis, modeling, and visualization across various projects.

### Web Development

Knowledge of HTML, Bootstrap, JavaScript. Used React.js in projects.

## 🧩 CERTIFICATES

**National Programme on Technology Enhanced Learning**  
Programming, Data Structures And Algorithms Using Python

**Machine Learning A-Z: AI, Python & R,** by Kirill Eremenko

## 🧩 ACHIEVEMENTS

**Smart India Hackathon - Internal (SIH)** 09/2024

- Secured 1st position in the Hackathon out of 32 teams

**NPTEL Topper** 05/2024

- Achieved the TOP 5% badge in Data Structures and Algorithms assessment

## 🧩 VOLUNTEER EXPERIENCE

**Muskurahat Foundation, Fundraising Intern** 05/2024

Assisted in fundraising campaigns and outreach