SAKETH S PAI

📞 9072242443   ✉ sakethspai04@gmail.com   in Saketh Pai   ⌨ saketh42

EDUCATION

Bachelor of Technology - Computer Science and Engineering   **Oct 2022 – Present**
Amrita Vishwa Vidyapeetham - CGPA: 9.3   *Amritapuri, India*

Higher Secondary School   **Apr 2021 – Apr 2022**
Chinmaya Vidyalaya - Percentile: 87.7%   *Thrissur, India*

High School   **Apr 2019 – Mar 2020**
Chinamaya Vidyalaya - Percentile: 93.6%   *Thrissur, India*

PROJECTS

Hopelens | React.js, Spring Boot, FastAPI, Bootstrap, Maven, Uvicorn   **Feb 2024 – Mar 2024**
- Identifying individuals at risk of suicide using predictive analysis.
- Developed a full-stack application with React.js (Frontend), Spring Boot (Backend), and FastAPI (ML Model) to collect user data, process it through an ML model, and generate risk predictions.
- A functional system that provides real-time suicide risk predictions, enabling early intervention and mental health support.

Emotion Classifier | Python, Pandas, NumPy, SVM, Random Forest, k-NN   **Nov 2024 – Dec 2024**
- Formulated an emotion recognition model analyzing audio data to identify affective states from speech
- Applied multiple algorithms (SVM, Random Forest, k-NN) to boost precision in sentiment detection
- Enhanced system responsiveness by capturing nuanced emotional signals for empathetic interactions

SKILLS

Technical Skills

- **Programming Languages:** Java | Scala | Haskell | C++ | Python | JavaScript
- **Frameworks and Libraries:** Node.js | React.js | Django | NumPy | Pandas | Scikit-learn
- **Databases:** MySQL | Firebase
- **Concepts:** Functional Programming | System Design | API Integrations | Distributed Computing | Performance Optimization
- **Tools:** Git | GitHub | Docker

Soft Skills

- Problem-Solving | Critical Thinking | Team Collaboration | Adaptability | Creativity | Time Management

COMMUNITY OUTREACH PROGRAMS

Cyber Space Awareness Programme   **Oct 2024**
Chinmaya Vidyalaya, Kolazhy   *Thrissur, India*
- Observed a lack of awareness among students regarding online safety, leading to risks such as cyberbullying, phishing, and privacy breaches
- Organized and conducted an interactive educational session, focusing on the importance of safe online practices, identifying cyber threats, and understanding privacy settings through the medium of SSR
- Provided real-life examples and hands-on demonstrations to help students recognize potential risks and take proactive measures.
- Successfully educated students on secure navigation of the digital world, empowering them to make informed decisions and fostering a safer online environment

CERTIFICATES

AI Fundamentals Certificate | Datacamp   **Sep 2024**

Introduction to Data Science in Python | Datacamp   **Dec 2024**

Career Essentials in Software Development | Microsoft and LinkedIn   **Sep 2024**