

Nandita Sajeev

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EDUCATION

BITS Pilani WILP

M.Tech in Artificial Intelligence and Machine Learning

Ongoing, Online

Nov. 2024 – Oct 2026

Rajalakshmi Engineering College

B.E in Computer Science and Engineering - CGPA 9.38/10

Chennai, India

Aug. 2019 – April 2023

PSBB Millennium School

Senior Secondary School - 93.8%

Chennai, India

2017 – 2019

PSBB Millennium School

Secondary Education - CGPA 10/10

Chennai, India

2015 – 2017

EXPERIENCE

Associate Software Developer

July 2023 – Present

SOTI

Kochi, India

- Developed and maintained responsive frontend interfaces using Angular, improving user satisfaction through enhanced accessibility and faster load times.
- Collaborated with UI/UX designers to translate high-fidelity designs into pixel-perfect implementations across 10+ modules.
- Designed and implemented BDD test suites using tools like SpecFlow, resulting in a reduction in requirement-to-implementation gaps and improved test clarity.
- Contributed to full-stack development using Angular (frontend) and C#.NET (backend)
- Conducted code reviews, optimized application performance, and ensured maintainability
- Improved web UI accessibility, ensuring WCAG 2.1 compliance across key application pages.
- Wrote comprehensive unit tests using Cypress for all components I developed, ensuring code reliability and reducing the risk of bugs in production.
- Integrated RESTful APIs and built modular, reusable UI components, supporting scalability across multiple product lines.

PROJECTS

Emotion Recognition of Online Learners using DenseNet

Utilized deep learning techniques to analyze and interpret the emotional states of online learners during virtual meetings. Generated detailed reports on learners' emotional states to provide insights and enhance understanding, enabling more effective engagement and support strategies.

SinoText

SinoText is an image classification android application that recognises Indian sign language and converts it into text.

TECHNICAL SKILLS

Frontend: Angular, HTML, CSS, JavaScript

Backend: C#.NET

Tools and Concepts: BDD, Git, RESTful API integration, Unit Testing

AI/ML: Machine Learning Fundamentals, Artificial Intelligence Concepts

Soft Skills: Leadership, Effective Communication, Critical Thinking

PAPERS PUBLISHED

Enhancing Online Learning with Automated Emotion Identification using Facial Expressions

In 2023 7th International Conference on Electronics, Communication and Aerospace Technology (ICECA), pp. 435-441. IEEE, 2023.

Emotion Recognition of Online Learners for Smart Education Systems using Computational Intelligence: Review and Insight

In 2023 5th International Conference on Smart Systems and Inventive Technology (ICSSIT), pp. 1591-1598. IEEE, 2023.