

# NIMA E J

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## PROFILE

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I am a highly motivated and results-driven individual seeking a challenging opportunity in software development. With a solid foundation in programming, databases, and web technologies, I aim to apply my technical skills and problem-solving abilities to create impactful and innovative software solutions. I bring a strong analytical mindset, effective communication, and a collaborative approach to every project I undertake. I am committed to continuous learning and professional growth, and I aspire to contribute meaningfully to a forward-thinking organization focused on technological advancement and success.

## EDUCATION

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<b>MASTER OF COMPUTER APPLICATION</b>		Angamaly, Kerala
FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY		August 2024-Present
<b>Bsc Computer Science</b>		Guruvayoor, Kerala
LITTLE FLOWER COLLEGE, GURUVAYOOR	(87.25%)	November 2021 - March 2024
<b>Higher Secondary Education</b>	(94.33 %)	Guruvayoor, Kerala
LFCGHSS MAMMIYOOR		June 2019 - March 2021
<b>Secondary Education</b>	(87%)	Guruvayoor, Kerala
LITTLE FLOWER CGHS SCHOOL MAMMIYOOR		June 2018 - March 2019

## TECHNICAL SKILLS

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- **Programming Languages:** C, Python, Java
- **Database Management:** MySQL, MongoDB
- **Front-End:** HTML, JavaScript, CSS
- **Operating Systems:** Linux, Windows
- **Tools & Platforms:** VSCode, Android Studio

## PROJECTS

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**Title:** AbleTrack

**Duration:** June 2023 – January 2024

**Description:**

Developed a learning disability prediction system using the Decision Tree algorithm. The system is designed to identify students who may have reading and writing disabilities by analyzing their exam performance data.

**Title: Password Generator****Duration: May 2025****Description:**

Developed a secure password generator web application with a user-friendly interface that allows users to generate passwords based on customizable criteria like length, uppercase, lowercase, numbers, and symbols. Integrated a Python Flask backend to generate the password logic and used fetch API for communication between frontend and backend.

**Title: AI-Based Training System for Students with Learning Disabilities****Duration: July 2025-October 2025****Description:**

Developed an intelligent web-based platform using the MERN stack and Python Flask to assist students with reading, writing, and cognitive challenges. Implemented AI-driven modules for handwriting tracing, speech-based reading, and learning games with real-time feedback using Logistic Regression. Integrated Web Speech API, Lottie animations, and Chart.js for interactivity and progress visualization. The system enables self-paced, adaptive learning and performance tracking without teacher supervision.

## CERTIFICATION

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**AWS ACADEMY**

AWS-Cloud Foundations

**Database Management System**

NPTEL

**C Programming-Basic**

G-TEC Education

## ACHIEVEMENTS

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Completed 8 Day Mern Stack Application Development Workshop

**Extra Curriculars**

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NSS Volunteer during Higher Secondary (2019–2021) and Degree (2021–2024)

## Languages

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- Malayalam
- English

## Soft Skills

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- Time Management
- Adaptability
- Self-Learning
- Leadership

## ADDITIONAL INFORMATION

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- Effective team collaboration and knowledge sharing
- Strong determination and work ethic to achieve goals