

# SREEJESH A

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## Objective

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Results-driven backend developer with hands-on experience in building scalable web applications using Python, Django, and RESTful APIs. Strong foundation in object-oriented programming, debugging, and database management. Proven ability to collaborate across teams, troubleshoot complex systems, and deliver reliable solutions. Passionate about AI-powered development and backend infrastructure optimization.

## Education

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### MCA. Master of Computer Applications

Government Engineering College, Thrissur

Jul 2023 – May 2025

### BSC. Computer Science

College of Applied Science, Kuzhalmannam, Palakkad

Jul 2019 – May 2022

## Projects

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### ShopIt

*Technologies Used: Django, HTML, CSS, JavaScript, PostgreSQL*

- Developed a full-stack e-commerce web application using Django.
- Implemented core functionalities such as product browsing, cart management, secure checkout, and user authentication (signup/login/logout).
- Currently enhancing the application with search prediction, real-time chat support, and payment gateway integration.

### FixMate: An Automated Program Repair Using LLM and Multi-Agents *(MCA:Final Year Main Project)*

*Technologies Used: Python, Flask, JavaScript, OpenAI/Groq LLMs, Multi-Agent Architecture*

- Developed an intelligent debugging system for Python and Java programs using Python and the Flask framework.
- Utilized Large Language Models (LLMs) and multi-agent architecture to detect and repair syntax and logical errors.
- Enhanced debugging efficiency and code accuracy through AI-driven code analysis and correction.

### DeepShield

*(MCA:Final Year Mini Project)*

*Technologies Used: Python, Keras, TensorFlow, XceptionNet, LSTM*

- Designed an AI-powered tool for real-time deepfake video detection.
- Employed XceptionNet for spatial feature extraction and LSTM for temporal consistency analysis.
- Enabled robust frame-level analysis to detect anomalies in video content.

## Skills

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**Programming Languages:** Python, JavaScript, Java(Basics)

**Frameworks:** Django, React

**Databases:** PostgreSQL

**Tools & Platforms:** Windows, Linux, ORM, RESTful APIs, GitHub

**Front-End:** HTML, CSS, JavaScript

**Soft Skills:** Teamwork, Leadership, Management

## Personal Profile

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**Date of Birth:** 18/04/2001

**Nationality:** Indian

**Languages Known:** English, Malayalam, Tamil