

# JISHNU KT

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An enthusiastic MCA graduate with a strong foundation in full-stack development, machine learning, and databases. Eager to apply my skills in real-world projects, contribute fresh ideas, and grow professionally in a dynamic, collaborative tech environment.

## Projects

### KU BOT: A Custom Chatbot for Kannur University

May 2024 - Jul 2024

Customised AI-powered chatbot using MERN Stack and OpenAI API

- Designed a responsive and intuitive user interface with React.js and Tailwind CSS.
- Built and managed RESTful APIs with Node.js and Express.js to handle data flow between the frontend and backend.
- Used MongoDB for storing user interactions and improving chatbot responses over time.

### Study of Keylogger Detection using Machine Learning

Nov 2023 - Feb 2024

- Engineered a system to detect keylogger activity by analyzing network data patterns.
- Data preprocessing and feature engineering with Pandas and NumPy to optimize model accuracy.
- Selected and implemented machine learning algorithms such as Random Forest, SVM, and Decision Trees for classification.

### Social Media Engagement Automation

Aug 2024 - Dec 2024

- Built an automation tool using Node.js and Puppeteer to schedule and post comments on Instagram.
- Engineered logic to handle rate limits and simulate human-like interaction to prevent account flagging.

### Face Mask & Helmet Detection

Mar 2021 - Jul 2021

- Developed a real-time object detection application using Flask and OpenCV to identify face masks and helmets. and created a simple web interface with Flask to display the live detection results.

## Core Skills

**Languages:** Javascript, Python

**Web Technologies:** React.js, Node.js, Express.js, Tailwind CSS

**Databases:** MongoDB, MySQL

**Tools & Platforms:** Git, Wordpress

**Automation & Testing:** Selenium, Puppeteer

Machine Learning

## Education

### Kannur University

Aug 2022 - Aug 2024

Master of Computer Application (MCA) Computer Application

### Morazha Arts & Science College

Jun 2018 - Jul 2021

Bachelor of Computer Application (BCA) Computer Application

**Languages**

English, Hindi, Malayalam (Native)

**Awards**

All Kerala AI Video Generation Contest  
*MVD Kerala*

Aug 2025

**Certificates**

Web Design & Development  
*CODO Academy*

Android Basics with Jetpack Compose  
*Google*

Quantum Outreach Program  
*Kannur University*