

# CHRIS DENNIS

Certified AI Engineer and Integrated Master of Computer Application student with expertise in Data Science, Machine Learning, Deep Learning, and Web Development. Actively pursuing opportunities in ML Engineering, Data Science, and Software Engineering.

Thrissur, India

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## Work Experience

### Django Intern, Riss Technologies (May 2023 – June 2023)

- Created dynamic web app with Django, integrating authentication, databases, and responsive design.
- Collaborated in a team during the Django internship, contributing to code reviews and project success.

**Tools Used:** Python, Django, HTML, CS5, Jinja, Git.

### Solution Expert Intern, CDNS Technologies (Aug 2021 – Sep 2021)

- Completed Apple Workshop on Swift app development, deploying iOS apps to demonstrate creativity and problem-solving
- Proficient in iOS concepts, UI/UX design, and data handling, gained from intensive training and practical application.

**Tools Used:** Xcode, Virtual MacOS, Git, Swift.

### Design and development of speech-to-speech conversion system using transformer model(June 2024-present)

**Tools Used:** Python, flask, tensorflow

## Education

- Integrated Master of Computer Applications**  
Amal Jyothi College of Engineering, Kottayam, KTU, 2025
- Master's Program in AI Engineering**  
Simplilearn-IBM, 2024

## Projects

### 1. Credit Card Fraud Detection Project- AI capstone project, Simplilearn

- Analyzed and interpreted complex diabetes patient data sets using Python and machine learning algorithms, improving predictive modeling techniques.
- july-present(ongoing).

### 2. CIRA - Crime Investigation Reporting and Analysis, AJCE

<https://t.ly/UAgS9>

- Selected for YIP 5.0(Young Innovators program by Kerala govt).
- Developed web app for efficient Crime Investigation Reporting, optimizing data management.
- Designed user-friendly interfaces, and integrated real-time analytics for improved crime analysis and prevention decisions.

### 3. OpenSynth - Platform for open-source projects, NASA SpaceApps

<https://t.ly/LaHiz>

- Led a team of four in developing an open-source platform dedicated to listing projects and facilitating contributions to open-source initiatives.

### 4. NutraSynth: Protein is not Protein, AJCE

- First runner up in Idea competition 2023 conducted at AJCE.
- Pitched ML algorithms to find the best protein diet for different age groups.

## Certifications and Achievements

- IBM AI Engineering Professional Certification with honors and credit**, IBM, Coursera, (May 2024)
- Build, Manage, and Deploy Machine Learning Projects with Python and MLOps:Udemy**, (july 2024)
- Deep Learning & Neural Networks with Keras**, ibm, coursera, (Jan, 2024)
- Certified AI Engineer**, IBM, Simplilearn, (Dec 2023)
- Machine Learning with Honors**, Coursera, Simplilearn, (Jun 2023)
- Machine Learning** – NPTEL, IIT Roorkee, NPTEL, (2023)
- Google Kubernetes Engine (GKE)**, RedHat
- Big Data Foundations - Level 1**, (May 2021)

## Involvement

- Local Co-Lead**, Amal Jyothi College of Engineering, NASA Space Apps (Jan 2024 – Present)
- FOSS member**, Amal Jyothi College of Engineering, FOSS-CELL AJCE (ICFOSS), (July 2023 – Present)

## Areas of Expertise

- Data Science, Machine learning, deep learning, and model building
- Web application Development
- Prompt Engineering
- public speaking

## Technical Proficiency and Skills

- Python, GCP, PyTorch, TensorFlow, Keras, Deep Learning, Machine Learning, Web development, Cloud computing, Sklearn, Matplotlib, Flask, JS, AJAX, Bootstrap, Vue.JS, Java, C, C++, NoSQL, MongoDB
- Leadership, Team management, Public Speaking, Teaching, Communication, Presentation, Team Building

## Languages

English (Full proficiency), Malayalam (Native), Hindi (Full, proficiency)

## Interests

Prompt engineering, Programming, R&D in deep learning, Investing(stock markets , bonds and IPO),