

# AYUSH B RAJ

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## PROFILE

Passionate about Python programming and Artificial Intelligence, with a strong foundation in problem-solving and core programming principles. Committed to building efficient, real-world solutions and continuously learning new technologies. Seeking an opportunity to apply my skills in innovative and impactful projects..

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## EDUCATION

<b>APJ Abdul Kalam Technological University</b> <b>Mar Athanasius College of Engineering , Kothamangalam</b> <ul style="list-style-type: none"><li>Master of Computer Application CGPA: 8.69</li></ul>	<b>2024-2026</b>
<b>M G University</b> <b>Yeldo Mar Baselios College , Puthuppady</b> <ul style="list-style-type: none"><li>Bachelor of Computer Application CGPA: 8.21</li></ul>	<b>2021-2024</b>
<b>HIGHER SECONDARY EDUCATION</b> <b>Sobhana Public School (CBSE) , kothamangalam</b> <ul style="list-style-type: none"><li>Biology -Informatics Practices 91.2%</li></ul>	<b>2021</b>
<b>SECONDARY SCHOOL EDUCATION</b> <b>Sobhana Public School (CBSE) , kothamangalam</b> <ul style="list-style-type: none"><li>87.8%</li></ul>	<b>2019</b>

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## INTERNSHIP

<b>Data Science Intern , TECHMAGHI</b> <ul style="list-style-type: none"><li>Developed and evaluated predictive models using linear regression for inventory analysis and forecasting.</li><li>Applied key data science principles such as feature engineering, model selection, and evaluation to solve real-world problems.</li><li>Utilized Selenium and yfinance to automate web scraping of financial data from Yahoo Finance for time series analysis.</li></ul>	<b>June 2025 - August 2025</b>
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## PROJECTS

### Creative Constructions

#### PHP ,MySQL

- Creative constructions is a online website for construction works like building houses.
- Its main aim is to simplifying complex construction processes and by digitizing workflows, the platform not only increases operational efficiency but also contributes to the overall success of the construction projects.

### WED MATE

#### Python Django

- Wed Mate is a web-based application in the wedding planning industry, streamlines organization and management of wedding events .
  - This innovative platform empowers couples to orchestrate their dream wedding. Wed Mate revolutionizes the way couples plan their weddings, fostering a seamless and stress-free experience.
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## EVENTER

### React Node.js

- Eventer is a web application designed to streamline the process of browsing and booking events.
- Built with Node.js for the backend and React.js for the frontend, it provides users with an intuitive interface to view available events, book their spots, and manage bookings effortlessly.

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## CERTIFICATIONS

UNIQUE WORLD ROBOTICS  
Artificial Intelligence

NPTEL ( IIT Kharagpur )  
Blockchain and its Applications

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## TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C, C++
- **Web Development:** HTML, CSS, JavaScript, PHP
- **Frameworks & Libraries:** Django, Node.js, React
- **Databases & OS:** MySQL, Oracle ,Linux
- **Productivity Tools:** MS Word, MS Excel, MS PowerPoint
- **Version Control :** GitHub

## SOFT SKILLS

- Project Management
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking
- Adaptability

## LANGUAGES

- English
- Malayalam
- Hindi

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## PAPER PRESENTATION

**Title:** Fake Logo Detection Using Deep Learning

**November 2024**

**Conference:** National Conference on Big Data Analysis for Computational Social Science  
(Sponsored by ICSSR)

**Venue:** MES College Marampally

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## WORKSHOPS

**Internet of Things: From Concept to Creation**

**March 2025**

Organized by Mar Athanasius College of Engineering in collaboration with Ernst & Young

- Attended an intensive workshop focused on the end-to-end development of IoT systems.
- Gained hands-on experience in designing, building, and deploying IoT solutions.

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## VOLUNTEERING

**2022 -2024**

**Research & Development Volunteer**

**IEDC - YMBC** (Innovation and Entrepreneurship Development Centre)

- Contributed to various research and development initiatives within the center.
  - Played an active role in organizing and conducting a Robo Football event as part of the AI Robotics Expo handling event planning, coordination, and technical setup.
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