

Jagath Vishwa K

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EDUCATION

Amrita Vishwa Vidyapeetham

Bachelor Of Technology, Computer Science and Engineering

Kamala Niketan School

Higher Secondary Education | CBSE

Secondary Education | CBSE

September 2021 - Present

CGPA: 7.08/10 (Upto 7th Sem)

June 2017 - May 2021

12th std Marks: 81.6%

10th std Marks: 81.4%

EXPERIENCE

Web Development Intern | AICL

June 2024

- Developed a comprehensive social media analytics dashboard.
- Utilized data visualization techniques to provide actionable insights for optimizing social media strategy.

IETE Student Forum (Technical Member)

June 2022-Present

- Implemented a project based on Augmented Reality using MetaSpark and Blender.

Amritamayi House(Joint Secretary)

Jan 2023 - Jan 2024

- As Joint Secretary, I managed all cultural events for the house, significantly contributing to the department's success by organizing and executing events efficiently, ultimately securing first place.

PROJECTS

Social Media Analytics

Oct 2023 – Nov 2023

- Developed a website that provides in-depth analytics on social media performance, offering insights into engagement, reach, and audience behavior.

Integrity Guard

Jul 2023 – Aug 2023

- File transfer integrity tool using cryptographic hashes and Merkle trees, ensuring detection of corruption or unauthorized modifications for data validation.
- Using SHA-256 Hashing Algorithm.

Cracked Egg Detection | ML

May 2023 – June 2023

- Implemented machine learning algorithms to classify eggs, optimizing performance for accurate identification of cracked eggs. Applied image augmentation to expand a small dataset, simulating variations in lighting and angles.
- Integrated Random forest, Decision tree, XGboost algorithms.

TECHNICAL SKILLS

Languages and Frameworks: C++, Python, Java, MySQL, React.js, Node.js, OpenCV.

Other Tools and Technologies: Git, Linux, Firebase, VS Code.

VOLUNTEERING & LEADERSHIP

Amritotsavam | Cultural Head

- Led efforts to encourage participation, bringing together a strong team that excelled in competitions against other departments.

Cultural Fest | Department Head

- Represented my department at the fest, mentoring and managing multiple teams to maximize their potential and successfully showcase their talents.

CERTIFICATES

- Cloud Computing
- Python for Data Science
- Smart Money
- Introduction to Java

Zoho Catalyst Workshop

IIT Madras, NPTEL

Nivesha Club, Amrita University

LearnQuest, Coursera