Akhil Swarop

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I'm a Computer Science and Engineering student at Amrita Vishwa Vidyapeetham with hands-on experience in programming, software design, and development. I've worked with SQL, Python, and other tools to build and troubleshoot applications, and I'm always looking for ways to improve and learn more. I enjoy collaborating with others and take pride in finding innovative solutions to complex problems.

WORK EXPERIENCE

Metatroncube Software Solutions • Remote • 05/2024 – 07/2024
Flutter App Developer • Internship

- Developed and optimized Flutter applications, adhering to best practices in workflow management, version control, and the software development life cycle. Ensured high performance and consistency across platforms through continuous refinement and proactive troubleshooting.

CERTIFICATIONS

Intro to Full Stack Development • 01/2023 – 03/2023
Amrita Vishwa Vidyapeetham

Responsive Web Design • 10/2022 – 11/2022
freeCodeCamp

AR games using Vuforia SDK • 03/2024 – 04/2024
Coursera

PROJECTS

AI-Powered Career Guidance System with Resume Analysis and Job Matching •
08/2024 - Present
Amrita Vishwa Vidyapeetham

- Developed an AI-driven web app using Streamlit to analyze resumes, extracting skills via NLP (spaCy) and ranking job titles using TF-IDF and cosine similarity. Automated LinkedIn job searches with Selenium, matching users to over 1,000 job titles and providing top 5 recommendations based on their skills.

howzit! • 05/2024 - 07/2024
Metatroncube Software Solutions

- Developed a cross-platform Flutter application connecting celebrities and fans, achieving 30% faster data retrieval using AWS LightSail for backend services. Implemented optimized data

SKILLS

Cascading Style Sheets (CSS), Deep Learning, Flutter, Github, HTML5, Javascript, Machine Learning, MySQL, Python, Unity, Vuforia Augmented Reality SDK

EDUCATION

Bachelor of Technology - BTech in Computer Science and Engineering
Amrita Vishwa Vidyapeetham
GPA: 7.65
09/2021 - 09/2025

Class 12
KCS CBSE
GPA: 95.2 %

Class 10
KCS CBSE
GPA: 93.2 %

structures, improving user engagement by 25%. Currently managing the app's advertising phase across major platforms.

AR Anatomy • 03/2024 - 04/2024

Amrita Vishwa Vidyapeetham

- Developed an interactive AR anatomy app using Vuforia SDK with marker-based detection, achieving 95% model overlay accuracy. Designed an intuitive UI for model explosion and subcomponent labeling, enhancing learning engagement by 40%. Demonstrated expertise in AR principles, 3D modeling, and UX design.