Akshat Swaminath

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EDUCATION

VIT UNIVERSITY, VELLORE
B.Tech
Computer Science Engineering
CURRENT GPA: 8.28

- Worked on 10+ hands on projects related to course work.
- Top 3 in class in Object Oriented Programming and Java Programming.
- Scored A grade in Python Programming, Cloud Computing and Internet and Web Programming.
- Senior Managing Member in The Photography Club; Senior Core Member in DigitSquad.
- Coordinator for Design and Media team of Rivera'23

HIGHER SECONDARY SCHOOL
DAV PUBLIC SCHOOL,
Science Stream
February 2020 | 89.4%

- Scored 90+ marks in Physics, Chemistry and Computer Science
- Created Library Management System as part of final year project

MATRICULATION
Dalmia Vidya Mandir Rajgangpur
April 2018 | 94.8%

- Scored 95+ in Mathematics, Science and Sanskrit and 90+ in English and Social Sciences
- Part of the Students Disciplinary Council for two years.
- Literary and Social Awards winner

SKILLS

TECHNICAL SKILLS

- Cloud Computing Technologies (Intermediate)
- Java (Intermediate)
- Spring FrameWork (Begginer)
- SQL (Intermediate)
- C++ (Intermediate)
- HTML (Intermediate)
- JavaScript (Intermediate)
- CSS (Intermediate)

COURSE PROJECTS

APPLICATIONS OF BLOCKCHAIN TECHNOLOGIES IN PHOTOGRAPHY BUSINESS

- Conducted extensive research for a Blockchain applications in photography, targeting late payments.
- Proposed Smart Contracts, which reduces payment processing time by 30%, in line with industry standards.
- Concluding adoption of Escrow Transactions, which is expected to improve Customer Satisfaction by 20%

COMMUNITY DETECTION IN COLLEGE CLUBS USING EVENT PICTURES

- Curated a dataset of 300 unique event images, each featuring distinct individuals, forming a foundational resource for subsequent analysis.
- Conducted detailed image analysis, considering gender, community affiliations, and social interactions. This analysis yielded profound insights into diverse community dynamics.
- Can be leveraged to create an AI model to train on the Datasets to make community identification easier using same techniques.

EXPERIENCE

SAMSUNG PRISM | Research Intern
December 2022 - August 2023

- Worked on an Industry Project, *Oriented Hand Detection* which used AI/ML technologies to come up with a solution for the given problem statement.
- Created dataset of 1000+ images and tagged them to train the machine system using specified bounding boxes.
- Used various Python Libraries like MediaPipe and YOLOv8 to develop the project.

KLEIBA PRIVATE LIMITED | Creative Analyst
February 2022 - June 2022

- Ideated and developed over 10 high-impact product concepts rooted in educational trends, leading cross-functional design teams in their comprehensive design and successfully documenting the entire process.

CERTIFICATIONS

GOOGLE CLOUD COMPUTING FOUNDATIONS
| Jul 2022 - Sep 2022 (Completed)
Skills and Knowledge earned:

- Acquired expertise in Cloud Computing Fundamentals, Google Cloud Infrastructure, Network and Security, as well as Data, ML, and AI on Google Cloud, gained practical experience through 15+ labs using the Google Cloud Console

VMWARE IT ACADEMY MODERN APPLICATIONS
| Jun 2023 - Jul 2023 (Completed)
Skills and Knowledge earned:

- Acquired extensive knowledge on VMware Tanzu for modern app management and gaining proficiency in Containers and Kubernetes, providing a solid foundation for a modern app career.