

Abhinav Saluja

Bengaluru, Karnataka

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CAREER OBJECTIVE

Driven and adaptable 3rd-year Computer Science student at Amrita Vishwa Vidyapeetham, Bengaluru, with a 9.37 CGPA, passionate about software development, system design, and solving real-world problems at scale. Excited to contribute to cutting-edge EdTech infrastructure and learn from world-class mentors at AlgoUniversity. Eager to immerse in a fast-paced, high-ownership environment, collaborate directly with founders and top engineers, and grow into a full-time role through the Accelerator Camp.

EDUCATION

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|---|-------------------|
| • Bachelor of Technology in Computer Science Engineering | 2022 - Present |
| Amrita School of Computing, Bengaluru, Karnataka | CGPA: 9.37 |
| • High School Diploma (CBSE) | 2022 |
| Blue Bells Model School, Gurugram, Haryana | Percentage: 90.4% |
| • Higher Secondary (CBSE) | 2020 |
| Blue Bells Model School, Gurugram, Haryana | Percentage: 96.5% |

PROJECTS

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|--|------------------------------|
| • RootWise: Intelligent Plant Disease Detection App | February 2025 – April 2025 |
| Amrita Vishwa Vidyapeetham, Bengaluru | |
| <ul style="list-style-type: none">– Developed a mobile application to detect plant diseases suggest it's cure.– Built the front-end using React Native (Expo) and implemented real-time inference with a FastAPI backend connected to a Predictive model.– Integrated Appwrite for secure authentication, image storage, user history, and feedback management.– Achieved a model accuracy of 99.04% using PlantVillage and real-world field datasets with advanced data augmentation techniques.– Tech Stack: React Native, FastAPI, TensorFlow, Appwrite, Python, EfficientNetB7. | |
| • Automated Multilingual Video Translation Framework Using NLLB | October 2024 – November 2024 |
| <ul style="list-style-type: none">– Developed and implemented an automated pipeline for translating and dubbing video content using AI tools.– The solution maintains timing accuracy, ensuring that the translated audio matches the original video's speech segments.– Stacks used: Python– Models used: OpenAI Whisper, Facebook NLLB, Google gTTS | |
| • MARS Library Management System | December 2023 - January 2024 |
| <ul style="list-style-type: none">– Developed a software application designed to create a secure and user-friendly library management system– Implemented REST APIs to facilitate robust interactions.– Engineered email verification processes to enhance security.– Stacks used: Spring Boot, Java, React and MYSQL | |

CERTIFICATES

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|---|---------------|
| Deep Learning for Computer Vision (Elite) | December 2024 |
| AWS Cloud | March 2025 |

TECHNICAL SKILLS

Languages: C/C++, Python, HTML/CSS/Javascript

Frameworks: SpringBoot, React

Cloud/Databases: MySQL, Hadoop, MongoDB, AWS Cloud

Skills: Data Science, Machine Learning, Computer Vision, Software Development, Quick Learner, Thrives under pressure, Flexible in Collaborative and Leadership roles

EXTRA-CURRICULAR ACTIVITIES

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|---|------------------------------|
| • National Students Data Corp(NSDC) Vice President | August 2024 - Present |
| • Google DSC ASEB Technical Team Member | September 2023 - August 2024 |
| • Code Chef Club Senior Executive | September 2023 - August 2024 |