

ARJUN RAMASAMY MUDALIYAR

Mumbai, Maharashtra, India

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PROFESSIONAL SUMMARY

Information Technology graduate with 8+ months of technical support experience and strong proficiency in Python, MySQL, and web technologies. Skilled in computer vision, automation, and data analytics with hands-on experience in OpenCV, MediaPipe. Proven leadership through organizing large-scale college events (120+ team members). Actively pursuing full-stack development expertise with focus on AI-driven applications and scalable solutions.

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, C#, JavaScript, HTML5, CSS3, PHP (training)
- **AI/ML & Computer Vision:** OpenCV, MediaPipe, Computer Vision
- **Databases & Analytics:** MySQL, Power BI, Tableau, Data Visualization, Query Optimization
- **Web Technologies:** HTML, CSS, JavaScript, Dialogflow, Full-Stack Development, RESTful APIs, WhatsApp Integration
- **Tools & Platforms:** Git, Excel (Advanced), Automation Workflows, Simplilearn, Udemy, Jetking

PROFESSIONAL EXPERIENCE

Technical Support Engineer — DataVista Solutions

May 2025 – Present — Mumbai, Maharashtra

- Deliver technical support for 50+ clients, achieving 95% first-contact resolution rate through systematic troubleshooting
- Conduct comprehensive website and application testing to identify bugs and performance bottlenecks, improving UX by 30%
- Develop Python-based automation scripts for data processing and reporting, reducing manual workload by 40%
- Collaborate with cross-functional development teams using Agile methodology to implement enhancements

Visiting Faculty — Disha Classes

May 2024 – February 2025 — Mumbai, Maharashtra

- Instructed 10+ students in C, C++, HTML, CSS, and Python programming fundamentals with 90% satisfaction rating
- Developed comprehensive curriculum and hands-on coding projects bridging theoretical concepts with practical applications

PROJECTS

Real-Time Hand Tracking & Virtual Watch Overlay — Python, OpenCV, MediaPipe

June 2024 – July 2024

- Developed real-time computer vision application detecting human hands via webcam with accurate landmark tracking from wrist to finger joints
- Implemented Google's MediaPipe Hands model for precise coordinate position calculations and dynamic virtual watch overlay
- Achieved real-time performance maintaining correct alignment during hand movement with OpenCV graphical rendering

Digital Animal Care & Emergency Response Platform — HTML, CSS, JavaScript, Dialogflow

October 2024 – December 2024 — University of Mumbai

- Built digital platform connecting pet owners, veterinary doctors, and rescue teams to reduce emergency response time for animal emergencies
- Integrated WhatsApp API for instant emergency alerts when animals are injured, abandoned, or in life-threatening situations

- Implemented Dialogflow chatbot providing instant animal care recommendations and enabling remote veterinary consultations
- Designed responsive front-end with HTML, CSS, JavaScript ensuring accessibility across devices during critical emergencies

EDUCATION

Bachelor of Science in Information Technology — University of Mumbai

June 2022 – May 2025

- Relevant Coursework: Data Structures, Algorithms, DBMS, Machine Learning, Computer Vision, Web Development

CERTIFICATIONS

- **Introduction to Web Development** – Udemy (Full-stack web development fundamentals)
- **Introduction to Artificial Intelligence** – IBM (AI concepts and machine learning fundamentals)
- **AI Ethics** – IBM (Ethical AI development and responsible technology practices)
- **Power BI** – Simplilearn (Business intelligence and data visualization)
- **Tableau Data Visualization Basics** – Simplilearn (Advanced data visualization techniques)
- **IT Workshop** – Jetking (Hands-on technical training in IT infrastructure)
- **C++ Certification**(pal india)
- **Diploma in front office management Certification**(pal india)

LEADERSHIP & ACHIEVEMENTS

- Led 120+ member discipline team as Organizer of Swastika College Fest, coordinating with 40+ sponsorship members
- Silver Medalist – Mumbai City District Powerlifting Championship
- Competitive Athlete – Mumbai City Zonal Sports Committee (Powerlifting) & Maharashtra Cricket Association
- Active in Powerlifting, Boxing, and MMA, applying discipline and resilience to professional challenges