Ayush Katiya

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SUMMARY

Multidisciplinary professional with US-based MS in Robotics (ASU), specializing in AI, machine learning, and multimedia content design. Experienced in technical support, business analysis, and graphic/media production for digital campaigns. Proven history of delivering impactful client solutions (public and NDA), leveraging cross-cultural communication and creative problem-solving. Adept with Adobe Creative Cloud, modern AI/ML frameworks, and collaborative tools.

EXPERIENCE

Business Analyst Intern   Finlatics   Apr 2025 – Jul 2025
- Drove data-driven business process improvements; analyzed operational datasets to deliver actionable recommendations and optimize costs, enhancing decision-making for executive stakeholders.
- Streamlined reporting workflows, identifying automation opportunities resulting in measurable process efficiencies.

Data Science Intern   Finlatics   Jun 2024 – Aug 2024
- Engineered and deployed robust ML models for business intelligence; created interactive dashboards and visualization tools to support strategic initiatives.
- Partnered cross-functionally to implement end-to-end data solutions, demonstrating effective teamwork in diverse environments.

Data Science Intern   ArtifIntel   Feb 2022 – Mar 2022
- Processed and analyzed high-volume datasets, applying advanced ML algorithms; supported senior data scientists in R&D for client-facing solutions.
- Delivered actionable insights through data cleaning, modeling, and validation.

Graphic Designer & Multimedia Content Creator   Freelancer   Aug 2020 – Nov 2022
- Produced branding and marketing assets using Adobe Photoshop, Illustrator, and InDesign, delivering over 30+ projects for clients ranging from startups to confidential B2B engagements.
- Developed and managed social media content strategies; delivered compelling visuals for campaigns that improved client engagement metrics.
- Built digital illustrations and video/photography templates tailored to multicultural audiences.

PROJECTS

- **Technology Portfolio (E-Commerce Website)** React.js + ML + RPA Sep 2023 – Oct 2023
  Built an integrated web platform featuring intelligent product recommendations and workflow automation.

- **Image Caption Generator (CNN + RNN)**   Jan 2023 – Mar 2023
  Created a hybrid deep learning pipeline using CNNs and RNNs for automatic image caption-

ing.

- **Plant Disease Prediction (CNN)**   Jan 2023 – Mar 2023
  Deployed a FastAPI + React.js application utilizing CNNs for real-time plant disease classification.
- Other work: Text Data Processing (RNN), CRM Automation, Botathon Prototypes, Travelers Guide App (see full [GitHub](#))

EDUCATION

- **Arizona State University, Tempe, AZ, USA**   Aug 2025 – Jun 2027
  MS, Robotics and Autonomous Systems (AI)
- **Acropolis Inst. of Technology & Research, Indore**   Aug 2020 – Jun 2024
  B.Tech, AI & Data Science   CGPA: 8.07
- **SICA Senior Secondary School, Indore**   Jul 2018 – May 2020
  Higher Secondary, Science   78.8%

TECHNICAL SKILLS

- **Programming:** Python, Java, JavaScript, C++
- **Frameworks:** ReactJS, FastAPI, UI Path Studio, PyTorch, TensorFlow
- **Data/Tools:** Git, Docker, MongoDB, MySQL, Power BI
- **Design:** Adobe Photoshop, InDesign, Illustrator
- **Platforms:** Linux, Windows, VS Code, Jupyter Notebook
- **Media:** Social Media Content, Digital Illustration, Video Editing (see Behance/Freelancer)
- **Professional:** Problem-solving, Communication, Leadership, Teamwork, Confidentiality (NDA projects)

CERTIFICATIONS

- **MathWorks Certified MATLAB Associate Path:**
  - MATLAB for the MathWorks Certified MATLAB Associate Exam (2025)
  - MATLAB Onramp (2025)
  - Advanced MATLAB Programming Skills (2025)
  - Machine Learning Techniques in MATLAB (2025)
  - Deep Learning Techniques in MATLAB for Image Applications (2025)
- **Simulink:**
  - Simulink Onramp (2025)
  - Simulink Fundamentals (2025)
- AWS Certified Cloud Practitioner
- Palo Alto Networks Cybersecurity Academy – Foundation
- TCS Ion Career Edge – Young Professional
- UIPath Academy – Diploma
- Microsoft AI Classroom Series
- Blockchain Builder – MPSSDEGB – FIIT
- Internship Certificates & LORs (Finlatics, ArtifIntel)

HOBBIES

- Guitar, Reading, Meditation, Fitness, Cooking