ASHISH ANTONY PAULY

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SUMMARY

Hardworking and resourceful individual, recognized for quick learning and effective time management. Possesses strong observational skills and a solid foundation in computer science and machine learning. Passionate about problem solving and committed to writing clean, readable, and maintainable code.

EXPERIENCE

Management Trainee – Software
J&J Sourcing

📅 07/2023 - 12/2023   📍 Delhi, India

Family-owned sourcing firm serving leading global DIY retailers.

- Developed Python web scraping solutions (BeautifulSoup) and automated data collection for 5000+ products, significantly reducing processing time.
- Leveraged Microsoft Power Platform to design and deploy applications tailored to internal team requirements.

EDUCATION

MSc. Computer Science with specialization in Data Science
Cochin University of Science and Technology

📅 07/2024 - 05/2026 (Pursuing)   📍 Ernakulam, Kerala
CGPA: **9.67** (Till semester two)

Bachelor of Computer Applications
Don Bosco College, Mannuthy | University of Calicut

📅 08/2020 - 05/2023   📍 Thrissur, Kerala
CGPA: **7.933**

CERTIFICATIONS

Business Intelligence and Analytics, NPTEL (Apr 2025)
Learned BI concepts, dashboards, and data-driven decision-making.

Supervised Machine Learning: Regression and Classification, Coursera (Jan 2025)
Gained practical skills in building and evaluating ML models.

AI/ML for GeoData Analysis, IIRS (Aug 2024)
Applied machine learning techniques to geospatial datasets for analysis and prediction.

Data Fundamentals, IBM SkillsBuild (Aug 2024)
Covered data management, storage, and analytics foundations.

Web Development Intern, Teachnook (Jul 2022)
Built responsive web applications using modern frameworks and tools.

KEY ACHIEVEMENTS

Best Academic Excellence and Social Responsibility (2020-2023)

Awarded in conjunction with the Bachelor's degree for outstanding academic performance and contributions to society.

SKILLS

- **Programming**: Python
- **Machine Learning**: scikit-learn (Model development, Training, Evaluation)
- **Deep Learning** (Familiar): PyTorch, TensorFlow
- **Databases**: SQL (Designing and Querying)
- **Version Control**: Git
- **APIs**: Building and testing with Postman
- **Web Development** (Basic): Django

PROJECTS

Generation of Realistic MRI Images from CT Images (Ongoing)

Developing a deep learning model for realistic MRI image generation.

- Investigating image-to-image translation techniques to synthesize MRI-like images from CT scans for comparative analysis
- Evaluating deep learning models (GAN-based architectures) with emphasis on data preprocessing and validation metrics
- Achieved visually convincing MRI-like images often indistinguishable to the human eye in preliminary evaluations.

Freelancer-Client Marketplace Web Application

Platform designed to streamline job posting, profile management, and client–freelancer engagement.

- Developed a scalable platform using Python (backend) and ReactJS (frontend) to connect freelancers with clients.
- Designed freelancer profiles with reviews and qualifications, and integrated search/filtering for efficient job matching.