

ASHER JARVIS PINTO

Karnataka, India | asjpint@gmail.com | +91 7022814099
[linkedin.com/in/asherjarvispinto](https://www.linkedin.com/in/asherjarvispinto) | github.com/Awshae

PROFILE SUMMARY

Robotics and AI undergraduate with strong analytical and problem-solving abilities. I have hands-on experience in machine learning, including both deep learning and traditional algorithms. I am skilled in data preprocessing, model evaluation, and scientific computing. I also have experience in UI/UX and graphic design, focusing on creating user-friendly interfaces and collaborating effectively across teams. I'm always eager to take on new challenges and learn from real-world projects.

EDUCATION

2022 - 2026	B.Tech in Robotics and A.I Engineering - NMAM Institute of Technology, Nitte Current CGPA - 8.94
2022	12th Grade - 81% Lourdes Central School, Mangalore
2020	10th Grade - 80% Lourdes Central School, Mangalore

EXPERIENCE

Jun 2024 - Jul 2024	Research Intern - Indian Institute of Science (IISc), Bangalore <ul style="list-style-type: none">Analyzed chemical processes using Batch Reactors and GC-MS instrumentation.Reviewed 3+ research papers to identify key chemical indicators.Collected and refined 5+ experimental datasets for model training.Applied ML (Linear Regression, SVM, Random Forest) and DL (MLP, RBFNN) models for prediction.Achieved 85% accuracy and 30% reduction in preprocessing time.
Jan 2023 - May 2023	Internship - NMAM Institute of Technology, Nitte <ul style="list-style-type: none">Led GUI development for "3Dscape", improving task completion time by ~30%Applied intuitive design to enhance navigation based on internal feedbackContributed 250+ lines of backend code and supported integration testingEnsured smooth UI-logic integration through collaborative debugging

SKILLS

<ul style="list-style-type: none">Python and C programmingData Structures and Algorithms3D Design and Modelling in Fusion and SolidworksDelta PLC programmingVirtual Instrumentation using LabViewSoftware proficiency in Photoshop, Procreate and MS Excel	<ul style="list-style-type: none">Graphic designUI/UX designLeadershipCommunicationSolution-oriented mindsetVersatility
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PROJECTS

- Air Quality Index (AQI) Prediction Using Multi-Layer Perceptron (MLP) and Radial Basis Function (RBF) Neural Networks
- Neural Network Modelling of SIR Dynamics from Stochastic Simulations
- OOP-Based Apartment Inquiry Chatbot
- Maze Solving Robot

EXTRA CURRICULARS

Digital Head, RISE (Robotics and A.I. Society for Engineers, 2024–2025); Graphics Head, RISE (2023–2024); Graphics Coordinator, Radio Club Nitte (2023–2024); Poster Lead, Robotics Club Nitte (2024–2025)

LANGUAGES

Fluent in English (Highly Proficient), Hindi (Working Proficiency), and Konkani (Native); conversational in Kannada and beginner-level in Japanese (A1).