Abhinav Sathiyamoorthy

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Objective

Looking for a position where I can augment my knowledge and skills while contributing to the success of the organization.

Work Experience

Tata Consultancy Services Ltd, Trivandrum, India   Nov 2024 – Feb 2026

Worked as a System Engineer (Grade-CI), gained proficient knowledge in Java, JDBC(Java Database Connectivity), Azure Cloud Platform & ServiceNow related tasks.

Indian Space Research Organisation (ISRO), Trivandrum, India   Jan 2024 – Mar 2024

Worked on a research project entitled "Automated Identification of Venusian Volcanic Features using Convolutional Neural Networks" as a Project Trainee.

Education

Master of Artificial Intelligence   Mar 2026 – Present

Monash University, Clayton, Australia

B.Tech in Computer Science and Engineering   Oct 2020 – May 2024

Amrita Vishwa Vidyapeetham, Coimbatore, India
CGPA: 6.98 / 10

Higher Secondary Education (CBSE)   Apr 2018 – Mar 2020

The New Tulip International School, Ahmedabad, India
Score: 85.4%

Secondary Education (CBSE)   Apr 2017 – Mar 2018

Kendriya Vidyalaya SAC, Ahmedabad, India
Score: 76.8%

Technical Skills

Languages: C++, Python, Java
Web & Databases: HTML, DBMS
ML: CNNs, Neural Networks, XGBoost, Naive Bayes
Tools: PyTorch, NumPy, Pandas, Matplotlib

Projects

Cloud Security and Data Integrity using Blockchain

- Implemented blockchain-based integrity verification with Merkle Trees.

Churn Prediction System

- Built ML models (MLP, Naive Bayes, XGBoost) achieving improved churn prediction accuracy.

Movie Recommender System

- Developed neural collaborative filtering model using PyTorch with high precision.

Certifications

HackerRank Python Basics — AI for Everyone — Google Analytics for Beginners

Languages

English, Tamil, Hindi

Interests

Badminton, Chess, Doodling, Listening to Music