Kavya Ramesh

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PROFILE

Certified Java Developer and enthusiastic learner passionate about applying Java skills to real-world projects. Eager to contribute and grow alongside experienced professionals. Motivated to join a dynamic team and drive innovation through software development.

WORK EXPERIENCE

Evolve Robot Lab *(Junior Research Fellow)* — Jun 2024–Jul 2024

- **Worked** with an engaging team of 6, learned generative AI and Machine Learning effectively with the best mentorship.
- **Delivered** seminars on RNN and LSTM during Demo Days, enhancing learning effectiveness by 80%, and led a process improvement project to streamline and unify end-to-end service workflows.

EDUCATION

Panimalar Engineering College *Bachelor of Technology in Artificial Intelligence and Data Science*	Full time	*2022–2026*
St Mary's Mat Hr. Sec. School *HSC -73%*	Full time	*2021–2022*
St Mary's Mat. Hr. Sec. School *SSLC -80%*	Full time	*2019–2020*

PROJECTS

GenAI-Powered Platform for Interactive Product Customization:

- Built a generative AI platform for 3D product customization, boosting engagement by 40% and speeding up development by 25%.

Autonomous Vehicle Path Planning System:

- Built a path planning system using an LSTM model for traffic prediction and A* algorithm for optimal routing.

CERTIFICATIONS

Generative AI Oracle Certified Professional, 2024 | **Introduction to Python and DataScience** Infosys Springboard, 2025 | Certificate of completion of **HTML5 and CSS3** Infosys Springboard, 2025 | **Acquiring Data** NASSCOM, FutureSkillsPrime, 2024 | **Cyber security Fundamentals** NASSCOM, FutureSkillsPrime, 2023

AWARDS/PUBLICATIONS

- IEEEXtreme 17.0 | 7th PECTEAM International Conference | 8th PECTEAM International Conference.
- Authored SCOPUS-indexed papers on AI in the judiciary system using legal analytics and on an Autonomous Vehicle Path Planning System.

SKILLS

Software	PowerBI, Excel, PowerPoint, SQL.
Technical Languages	Java, C, Python, LaTeX. (Spoken: English (Proficient), Tamil (Native))

DECLARATION

I (Kavya Ramesh), declare that the information provided is true and accurate to the best of my knowledge and take full responsibility for its authenticity.