

Name: Rimsha Laraib

Degree: BS Computer Science (Final Year)

Duration: 2025 – 2030

5-Year Career Development Plan

Career Goal (5-Year Vision)

Become an AI Engineer/ML Developer working on real-world problems in a reputable global tech company, leveraging both MERN expertise and AI knowledge, and building innovative solutions.

Year 1 (Final Semester + 1st Year Post-Graduation)

Goal: Complete degree, gain hands-on MERN experience, prepare for master's

Technical Goals:

- ❖ Build 1-2 solid projects with AI integration (use simple APIs like OpenAI, TensorFlowjs, etc) to show your interest
- ❖ Start contributing to open-source or build small tools that solve problems (adds to portfolio and learning)

Academic Goals:

- ❖ Research master's programs abroad (Canada, Germany, Netherlands, USA, UK)
- ❖ Prepare for IELTS/TOEFL and GRE (if required)

Career Goals:

- ❖ Apply for remote internships or junior roles (even part-time) to gain international exposure
 - ❖ Create a LinkedIn profile with strong project highlights
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Year 2 (Master's Admission & Transition)

Goal: Start your master's abroad and specialize in Artificial Intelligence

Academic Focus:

- ❖ Choose a program with a strong AI/ML/Data Science track

- ❖ Focus on subjects like Machine Learning, Deep Learning, NLP.

Skill Focus:

- ❖ Learn Python for AI, libraries like TensorFlow, PyTorch, Scikit-Learn
 - ❖ Understand math behind AI (Linear Algebra, Statistics, Probability)
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Year 3 (Midway Master's + Internships)

Goal: Gain industry experience and prepare for full-time AI roles

Practical Experience:

- ❖ Land a summer internship in an AI role at a reputable company
 - ❖ Build a portfolio of AI projects (eg, object detection app, AI chatbot, recommendation engine)
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Year 4 (Masters + Full-Time Job)

Goal: Secure a full-time job in AI or software abroad

Job Focus:

- ❖ Apply for AI Engineer, ML Engineer, or Software Engineer positions at product-based companies or startups
- ❖ Prioritize roles with remote/hybrid options, global clients, or scope for travel

Life-Balance Setup:

- ❖ Choose companies with good work-life balance
 - ❖ Look for locations with tech scenes + livability
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Year 5 (Growth, Leadership & Flexibility)

Goal: Grow into a mid-level role with leadership or innovation responsibilities

Career:

- ❖ Promote to Senior AI Developer, Tech Lead, or Product AI Owner
- ❖ Start a side hustle: tech consultancy, travel-based tech blog, or small AI product/startup
- ❖ Explore digital nomad visas or work in countries that let you travel while working