

# Muhammad Faheem

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[LinkedIn](#) | [Portfolio](#)

## OBJECTIVE

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- Passionate about building innovative web applications and engaging user interfaces.
- Aiming to leverage experience in front-end development and AI integration at a leading tech company.
- Seeking to collaborate with talented teams on challenging projects.

## EDUCATION

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- Vellore Institute of Technology — Integrated M.Tech in Data Science (June 2024 - May 2029)
- Notre Dame Of Holy Cross — Grade 10 and Grade 12 (June 2017 - March 2024)

## SKILLS

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- **Languages:** Langraph, JavaScript, HTML, CSS
- **Frameworks:** React.js, Bootstrap
- **Tools:** GSAP, Web APIs
- **Concepts:** Multi-Agent Systems, AI Workflow Design, Memory-based Agents
- **Soft Skills:** Communication, Teamwork, Problem-Solving

## EXPERIENCE

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- **Core Committee Member — VIT-STELLAR** June 2022 - Present
- Researched and authored articles on space exploration and technology trends.
- Contributed to the newsletter by creating engaging content for STEM activities.
- Participated in event writing and promoting technology engagement.

## PROJECTS

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### Multi-Agent Career Assistant

- Architected a role-based multi-agent system for automated career guidance and task orchestration.
- Implemented dynamic routing to coordinate resume generation, job search and conversation.
- Implemented short-term memory for contextual decision-making and adaptive task execution.
- Integrated intelligent routing to optimize agent collaboration and improve workflow efficiency.

### Instagram Reel Generator (LangGraph + Qwen3)

- Constructed an AI-powered Instagram reel generation system using LangGraph and Qwen3.
- Designed a multi-agent workflow for idea generation, script writing, and content structuring.
- Automated reel planning with intelligent task routing between agents.
- Focused on scalable AI orchestration and automated content creation pipelines.

### Personal AI Agent

- Developed a multi-agent personal assistant for task planning and workflow automation.
- Implemented contextual decision-making with short-term and long-term memory.
- Enabled features like reminders, information lookup, and task execution.
- Designed for extensibility and scalable autonomous decision support.

## EXTRA-CURRICULAR

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- Active member of various college clubs focusing on technology and innovation.
- Participated in workshops and seminars to enhance skills in AI and Data Science.