

# HARICHSELVAM

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## Profile

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I am a final-year Computer Science and Engineering student at Dr. MGR Educational and Research Institute, with a focus on Artificial Intelligence and Data Science. Driven by a passion for software development, I seek to leverage my strong analytical, research, and problem-solving abilities in a dynamic and collaborative environment. My enthusiasm for cutting-edge technologies, particularly in AI, motivates me to contribute to impactful, innovative solutions that address real-world challenges. I am eager to gain real-time, hands-on experience, further refining my technical and professional skills to drive technological advancements.

## Education

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**Bachelor of Technology / Computer Science and Engineering with AI & Data Science** 2021 – 2025  
Chennai, India, India  
Dr. MGR Educational and Research Institute  
• GCPA: 8.71

## Professional Experience

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**Student Intern (AI & ML Developer)** 2024/01 – 2024/07  
DgiWorx Chennai, India  
• Focused on Python backend programming, Power BI, and LLM concepts for a US client project.  
• Designed and optimized data-driven solutions, improving abilities in data analysis, programming, and client collaboration.

**Python Backend API Developer** 2023/06 – 2023/08  
Murven Solutions Chennai, India  
• Developed an image processing API using FastAPI, integrated with GAN concepts.  
• Deployed and managed the API on an Ubuntu AWS machine, enhancing skills in cloud computing and advanced image processing techniques.

**Python Internship** 2022  
Career Growth 360  
• Gained hands-on experience with Python, Streamlit, and the GoogleTrans Library.  
• Familiarized with OpenCV, PyDub, and data science libraries like pandas, Scikit-Learn, Matplotlib, and Seaborn.

## Virtual Experience Programs

Forage  
• **Visa:** Token Service Technology Virtual Experience Program.  
• **TATA:** Data Visualization: Empowering Business with Effective Insights.  
• **KPMG:** Data Analytics Consulting.  
• **Accenture:** Data Analytics and Visualization.

## Awards

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### IBM Hack Challenge 2022

2022

IBM

- I was selected in the top 25 teams at the all-India level for the NFT dashboard analysis project as part of Team CryptoKnights.

## Skills

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**Programming Languages:** Python | R | HTML ,CSS, JavaScript | MongoDB & SQL

**Development Tools:** Docker | Postman | Git & GitHub, | AWS | Visual Studio Code

## Certificates

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### IBM Data Science Specialization (Coursera | November 2023)

Courses: Data Analysis with Python, Databases and SQL, Data Visualization with Python, Machine Learning with Python.

### Courses

- **Data Analysis** (FreeCodeCamp)
- **Postman Crash Course** (Udemy)
- **Cognos Analytics** (IBM | Udemy)
- **Python** (GUVI Geek Networks, IITM Research Park)
- **GIT & GITHUB** (Udemy)
- **Tableau Visualization** (Udemy)
- **Python for Machine Learning** (Great Learning)
- **SQL Bootcamp** (Udemy)
- **Containers with Podman** (RedHat Academy)