

Austin T Babu

Aspiring Engineer, NIT Calicut

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[Linkedin](#), [GitHub](#)

Profile

I am an enthusiastic and motivated undergraduate pursuing a bachelor's in Electronics and Communication engineering. I thrive in team settings and enjoy collaborating to achieve common goals and working on individual projects. I am dedicated to producing high-quality work and continuously improving my skills.

Education

National Institute of Technology, Calicut

Bachelor of Technology in Electronics and Communications

2020 - 2024

CGPA-7.11

Technical Skills

- | | |
|----------------------------------|-------------------------------------|
| • Python | • Data Science |
| • C++ | • SQL |
| • Machine Learning/Deep Learning | • Data Structures and Algorithms |
| • PyTorch/TensorFlow | • Data Analysis (Pandas/matplotlib) |

Projects

Team Project on Artificial Intelligence (02/2023-03/2023)

- Made a CNN model that can label traffic symbols
- Trained and tested using the standard German Traffic Sign Recognition Benchmark
- Achieved an accuracy of 95%

Project on Deep Learning (09/2023)

- Made a LLM from scratch using PyTorch with GPT architecture
- Accepts a prompt and generates an output based on the prompt and training data (OpenWebTextCorpus)

Project on Web-Dev (06/23)

- Designed a prototype E-Commerce website using Python and Django framework
- Users can sell and buy items
- Admin can access and edit users, items and categories

Certificates

- National Cadet Corp. B Certificate - 2019
- Excellence CertificateKshitij 2K17-18 by IIT KGP (Cybersecurity Workshop)

Roles

Assistant Club Secretary for Audio Visual Club NITC

- Organized and supervised more than five large-scale club events
- Interacted with authority and multiple sponsors representing the club

Design head for Audio Visual Club NITC

- Led and worked with a team of designers for club artwork and event marketing

Gaming Committee Event Head for Tathva (NITC Tech-fest)

- Worked with a team to conduct a large-scale online gaming tournament

Languages

- | | |
|---|---|
| • English (<i>bi-lingual proficiency</i>) | • Malayalam (<i>bi-lingual proficiency</i>) |
| • Hindi (<i>intermediate proficiency</i>) | • French (<i>beginner</i>) |
| • Tamil (<i>intermediate proficiency</i>) | |

Professional Skills

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|-------------------|---------------------------|
| • Team-work | • Effective Communication |
| • Problem-Solving | • Management |
| • Leadership | • Design |

Interests

- | | |
|-----------------|------------------------|
| • AI | • Automation |
| • Deep learning | • Data Science |
| • LLMs and GPTs | • Digital illustration |
| • Generative AI | • Abstract art |