

# Pranav Mohan

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## Summary

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Python Developer with strong fundamentals in networking concepts and automation using Python. Hands on experience in building backend systems, REST APIs, and database driven applications. Familiar with Linux environments, Git version control, and automation scripting. Seeking a Network Automation / CPE Testing role in telecom domain to apply Python based automation and troubleshooting skills in real world network environments.

## Skills

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### Technical Skills

- Programming Languages: Python, C, JavaScript
- Networking Basics: TCP/IP, Subnetting, DHCP, DNS, HTTP/HTTPS
- Tools: Git, GitHub, Postman, Linux CLI
- Frameworks: Django, React
- Databases: MySQL, MongoDB

## Experience

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### MERN Stack Developer Intern – Zecser Business LLP

Aug 2025 – Oct 2025

- Developed backend APIs and automated data validation workflows using Node.js and MongoDB.
- Assisted in database optimization and route handling.
- Worked in Agile sprint-based environment with Git version control.

### Graduate Fellow – IIT Madras Research Park (Remote)

Feb 2025 – Jul 2025

- Contributed to project documentation and implementation tasks under DST PRAVARTAK initiative.
- Assisted in structured task execution following defined SDLC processes.
- Participated in technical discussions and report preparation.

## Education

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### B.Tech in Computer Science and Engineering

Government Engineering College Idukki, Kerala

Nov 2021 – Jun 2025

## Certifications

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- Advanced Python, Django with AI  
HACA, Calicut

## Projects

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### FolioX – Financial Portfolio Management System

2025

- Developed RESTful APIs using Django for financial data processing and portfolio management.
- Implemented secure authentication and structured backend validation.
- Built Python-based data processing modules with proper logging and exception handling for reliable backend operations.
- GitHub: [github.com/pranavmohan15/FOLIOX](https://github.com/pranavmohan15/FOLIOX)

### Farmers Portal – Agricultural Bidding Platform

2024

- Designed and developed RESTful APIs to manage multi-role bidding workflows with proper request validation.
- Implemented database transaction handling, data integrity checks, and backend business logic.
- Performed API testing using Postman and managed source code using Git with branch-based workflow.
- GitHub: [github.com/pranavmohan15/Farmersportal](https://github.com/pranavmohan15/Farmersportal)