

# ABDUL SAHITH M

Network Engineer | Backend Developer | Server Engineer

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## EXECUTIVE SUMMARY

Driven and detail-oriented developer specializing in server technologies and internet application architecture. Focused on solving real-world connectivity, hosting, and deployment challenges through efficient, scalable, and secure system design. Strong collaborator with a growing foundation in networking, server infrastructure, and cloud-native concepts. Seeking opportunities to deepen expertise, contribute to impactful engineering work, and learn within environments that value innovation, technical excellence, and teamwork.

## EDUCATION

B.TECH - ARTIFICIAL INTELLIGENCE AND DATA SCIENCE | 7.5 CGPA | Kongu Engineering College

2027

## WORK EXPERIENCE

AB Technology Tirunelveli, Backend Developer Django Intern

15 July 2024 - 19 June 2024

## ACHIEVEMENTS

- Smart India Hackathon 2024 Winner
- E-YANTRA Innovation Challenge Winner
- IEEE YESIST'12 WINNER (UKM MALAYSIA)
- L&T Techgium 8th Edition Top 6
- Startup Mania 2024 Winner

## PROJECTS

### SIXTER - A DESKTOP BASED SERVER APPLICATION

2025

- Direct IPv6 Self-Hosting Desktop App:** Building a desktop platform that lets users deploy and run their web applications directly from their own system, using an integrated Nginx reverse proxy and native IPv6 exposure for public access.
- Complete Ownership, Zero Third-Party Hosting:** Provides both a GUI and CLI for launching apps, managing containers, generating project specific subdomains, and controlling access without depending on any external hosting provider.

### SHAREDAUTH - A SECURE BIOMETRIC

2024

- Built a secure biometric API** that encrypts biometric data using AES and splits it with Shamir's Secret Sharing (SSS) to eliminate single-point compromise.
- Distributed the encrypted shares** across three independent blockchain-backed servers, ensuring tamper detection, decentralized trust, and high-integrity biometric verification.

### AI POWERED BTMS TECHNOLOGY

2025

- Developed an application using Electron and Django, primarily focused on creating an AI model that predicts the temperature of each cell in a battery pack based on various parameters.
- Built a custom battery pack with 12s6p configuration and successfully demonstrated the AI model using URAT communication to retrieve real time data from battery pack

## SKILLS

### FRONTEND

React | React Native | Angular | Flutter | HTML | CSS | JavaScript | Electron | Three.js  
Backend

Django | Flask | Node.js | Express.js | PostgreSQL | MySQL | MongoDB  
Server & Infrastructure

Nginx | Proxy Servers | VPN Tunneling | DNS Management | Go | Python | Linux  
Networking

CCNA | Load Balancers | IPv4/IPv6 | NAT & CGNAT | TCP/UDP | Routing & Switching