


# MUHAMMED SAHIL

+91 7560943996 | sahilmuhd123@gmail.com | Kerala, India |  Muhammed Sahil

## SUMMARY

detail-oriented Full Stack Developer with hands-on experience in designing, developing, and deploying scalable web applications using Python, Django, React, and Docker. Skilled in backend API development, debugging, and cloud deployment workflows. hands-on experience in troubleshooting system issues, basic networking, hardware/software setup, and resolving user queries. Certified in computer networking (G-TEC) with practical exposure to deployment, debugging, and maintaining applications using Python, React, Docker, Git, and databases. Known for quick problem-solving, clear communication, and delivering reliable technical support in fast-paced environments.

## CORE COMPETENCIES

**IT & Networking:** Network Troubleshooting, System Configuration, LAN/WAN Basics, IP Addressing, Routing Fundamentals, Network Security Basics, OS Installation, Software Setup, User Support, Ticketing, Hardware Diagnosis

**Programming & Development:** Python, Java, JavaScript

**Frameworks & Tools:** React, Flask, Django, Node.js, Docker, Git, GitHub, Plane

**Databases:** MySQL, MongoDB

**Other Skills:** Problem Solving, Debugging, Deployment, Issue Tracking, Technical Documentation

## EXPERIENCE

### Software Engineer (Full Stack Developer)

Baabte System Technologies Pvt. Ltd. , Calicut, India

Aug 2024 – October 2025

- Contributed to end-to-end development of web applications using Python, Java, and React, improving feature delivery timelines by 30-40% through efficient coding practices.
- Implemented and maintained Docker Compose deployments, reducing environment-related issues by up to 50% and improving deployment speed by 35%.
- Performed structured testing and debugging, resolving 80%+ of reported issues internally before release, significantly improving software reliability.
- Collaborated via Git/GitHub, managing version control across 10+ active repositories with consistent code documentation and updates.
- Provided real-time technical troubleshooting across projects, reducing recurring environment errors by 40%.

### Software Engineer Trainee

Baabte System Technologies Pvt. Ltd. | Calicut, India

Feb 2024 – Aug 2024

- Built strong foundations in full stack development by contributing to 5+ training and internal mini-projects using Python, JavaScript, HTML, and CSS.
- Supported debugging and testing processes, reducing minor UI/UX issues by 25% during sprints.
- Assisted with setting up development environments and basic network configurations, improving system readiness and reducing setup time by 15%.

## EDUCATION

**PYTHON FULL STACK DEVELOPMENT** - Cyber Square Professional, Calicut, India | Feb 2024

**BACHELOR OF COMPUTER APPLICATION (BCA)** - Calicut University | Mar 2023

## CERTIFICATIONS

**CS International Certified Python Full Stack Developer with Front-End Development in React** - Affiliated with Oray Education, London – Baabtra, Calicut, India | Aug 2023

**Networking Fundamentals** - G-TEC Computer Education | 2017

# PROJECTS

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## Cyber-Square-Pro | CS Plane Interns Team

Tech Stack: Python (Flask/Django), React, MySQL, Docker, Git

- Collaborated within an agile full-stack team to design and deploy web applications for internal organizational use.
- Developed RESTful APIs, handled backend logic, and managed database integration.
- Designed responsive UI components ensuring seamless front-end-back-end connectivity.
- Used Git/GitHub for version control, pull requests, and code reviews, following branching strategies and agile sprints.

## Authoraa | Personal Project

Tech Stack: Python, JavaScript, HTML, CSS

- Built a web-based content management platform for author collaboration and content publishing.
- Integrated a Python backend for content storage, automation, and user workflows.
- Designed a responsive frontend using HTML, CSS, and JavaScript for clean UI and accessibility.
- Implemented editing and publishing modules to enhance usability and followed modular architecture for scalability and maintainability.

## **EVA – Virtual Assistant Platform - BCA Final Project**

Tech Stack: React, Node.js/Express, MongoDB, Prisma ORM, JWT, AWS

- Developed a multi-tenant SaaS chatbot platform for FAQs, appointment scheduling, and internal communication.
  - Built secure backend APIs using Node.js/Express and MongoDB with Prisma ORM.
  - Implemented JWT authentication and bcryptjs password hashing for user security.
  - Designed React dashboards and chat UI with QR-based onboarding for multi-tenant users.
  - Deployed on AWS, conducting unit, integration, black-box, and white-box testing for system reliability.
  - Documented the complete SDLC, including architecture, DFDs, and schema design.
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