

Mohamed Hafid

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EXPERIENCE

WEB DEVELOPMENT INTERN

OneYes Infotech Solution | Chennai

Jun 2024 - Jul 2024

- Developed responsive web interfaces using **HTML5**, **CSS3**, and **JavaScript (ES6+)**, completing 80% of website components
- Created **RESTful APIs** with **Node.js** and **Express.js** following MVC architecture patterns
- Participated in **Agile Scrum** ceremonies throughout the full **software development life cycle (SDLC)**

FRONTEND DEVELOPER INTERN

Veibox Software Solutions | Kumbakonam

Jun 2025 - Jul 2025

- Implemented fitness platform UI with **React 19** and **Tailwind CSS**, achieving **95%+ Lighthouse** accessibility scores
- Integrated **React Query** with mock **JSON Server** backend for efficient data fetching
- Worked with cross-functional teams to deliver clean, maintainable features using **Git branching** and **code reviews**

PROJECTS

Techbase — Admin Dashboard Web App | GitHub

- Developed a responsive admin dashboard using **Next.js 15**, **TypeScript 5**, and **Prisma ORM** that efficiently manages student records and financial data in **PostgreSQL**
- Integrated **Zod** with **React Hook Form** for type-safe validation and reusable input components
- Optimized performance metrics including **First Contentful Paint (FCP)** from **900ms** to **400ms** through efficient **database queries** and caching strategies
- Automated deployment pipelines using **Docker** containers, **Kubernetes** orchestration, and **Jenkins CI/CD** on **AWS EC2** infrastructure

Trendz — E-commerce Platform | GitHub

- Engineered full-stack e-commerce solution using **React 19**, **Express.js** (**MVC**), and **MongoDB Atlas** with cart functionality
- Implemented secure authentication flows with **JWT** and robust form validation using **Zod**, tested via **Postman**
- Optimized data management with **React Query**, through smart caching and request deduplication
- Containerized application using **Docker** and automated deployments via **GitHub Actions** CI/CD pipelines

Bristo — Mental Support Chatbot | GitHub

- Developed AI-powered chatbot using **React 18** with **Tailwind CSS**, and **Express.js** backend, integrating **Google Gemini API** for natural language processing
- Built recommendation engine with personalized suggestions via **Flask** API, featuring responsive UI components styled with **Tailwind**
- Crafted smooth conversational UI with text animations using and custom **CSS keyframes**
- Delivered production-ready MVP during **Google Hackathon**, completing **80%** of core functionality

EDUCATION

SRI SAIRAM ENGINEERING COLLEGE

B.E. IN COMPUTER SCIENCE AND ENGINEERING

Expected May 2026 | CGPA: 8.26 / 10

ARR MATRIC HR. SEC. SCHOOL

HIGHER SECONDARY CERTIFICATE — COMPUTER SCIENCE

Graduated May 2022 | Average: 92.48% | Centum Scorer in CS

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

TypeScript · JavaScript (ES6+) · Python · Java · C

FRONTEND DEVELOPMENT

React.js · Next.js · React Native · Tailwind CSS · HTML5 · CSS3 · Redux

BACKEND DEVELOPMENT

Node.js · Express.js · REST APIs · Prisma ORM · MongoDB · MySQL

DEVOPS & CLOUD

Docker · Kubernetes · AWS (EC2, ECR, IAM) · GitHub Actions · CI/CD

METHODOLOGIES & PRACTICES

Agile Development · Problem Solving · Team Collaboration

HONORS & AWARDS

SRCAS Hackathon (Agriculture Theme)

Runner-Up | Developed **CNN-based pest detection system** for farming applications | Won **₹5,000** prize

HackeFX by Electrifex

Second Place among 14 teams | Built infotainment system for budget vehicles | Won **₹20,000 + ₹4,800** prizes

AI Ideathon (Kakinada)

Finalist | Created **AI-powered** mobile app for early skin cancer detection using computer vision

Department Excellence Certificate

Awarded for outstanding academic performance and technical contributions