

# MUHAMMAD JASEEM TK

+91 8075004663 | [LinkedIn](#) | [GitHub](#) | [mhdjaseemtk@gmail.com](mailto:mhdjaseemtk@gmail.com) | [www.jaseem.work](http://www.jaseem.work)

---

## FULL STACK DEVELOPER

Full Stack Developer with hands-on experience building web applications, including e-commerce platforms. Strong in backend development, authentication, performance optimization, and frontend design, with a keen focus on clean, responsive, and user-friendly interfaces.

---

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, C, HTML, CSS

**Frameworks:** Express, Tailwind UI, Next.js,

**Libraries:** React.js, Mongoose

**Databases:** MongoDB, DynamoDB, Redis

**Architecture:** MVC, Repository Pattern, Microservices

**Dev Tools:** Visual Studio Code, Postman, Git, GitHub, Figma

---

## Full stack developer Intern - Devxtra

Oct 2025 – Present

- Contributed to backend API development, authentication flows, and database design for web applications.
- Worked on frontend features using React and Next.js, focusing on responsive layouts and usability.
- Used Git, Postman, and CI/CD pipelines to develop, test, and deploy application features.

---

## PROJECTS

### Healix – Scalable E-Commerce Platform

Source: [Github](#)

Dec 2025 – Present

- Architected a microservices-based e-commerce system with API Gateway pattern, handling Auth, Product Catalog, Order/Cart, and Admin services with clean separation of concerns
- Integrated RabbitMQ for async event-driven communication between services, enabling scalable background workers for order processing workflows
- Implemented Redis for rate limiting and caching, JWT-based authentication with role-based access control (USER / ADMIN) enforced at the gateway level
- Built with TypeScript, Next.js frontend, MongoDB, DynamoDB, and Elasticsearch for full-text product search and filtering

### DGdoctor – Mental Health Counseling Platform

Source: [Github](#)

- Developed full-stack features including real-time video calling using WebRTC and Socket.IO with Next.js frontend.

### GenPix – AI Image Generator

Source: [Github](#)

- Built a full-stack AI image generation platform using Next.js 16 and Express.js, allowing users to generate images from text prompts across multiple aspect ratios (1:1, 16:9, 9:16, 21:9)
- Developed a REST API (POST /api/generate) integrated with Pollinations.ai for zero-auth, free image generation with binary PNG download support

---

## EDUCATION

MANIPAL UNIVERSITY JAIPUR

2026 – Present

**Bachelor of Computer Application** (B.C.A.) Pursuing

RM HSS Melattur Higher secondary school in Kerala

2023 – 2025

**Higher Secondary Education (Computer Science)**