

MUHAMMED MUEEN

Product Engineer | AI-Assisted Product Builder

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OBJECTIVE

Product-minded builder who turns ambiguous problems into working products. Hands-on across product discovery, requirements, user flows, frontend/backend development, API integrations and production debugging. Uses AI-assisted development workflows to prototype and deliver quickly, with a strong focus on ownership, problem-solving and execution.

EXPERIENCE

Frontend Developer – Future Education

Sep 2025 - Present

- Build production web applications using React and TypeScript, translating Figma designs and product requirements into functional user experiences.
- Work across assigned product modules, handling UI implementation, REST API integration, client-side state and frontend debugging.
- Review designs and requirements, identify implementation or usability improvements, and contribute to feature-level discussions with the development team.
- Participate in sprint planning and take ownership of assigned modules through implementation, testing and delivery.
- Use AI-assisted development workflows to accelerate implementation, debugging and prototyping.

Founder & Product Lead – Nexura Solutions

June 2025 - Present

- Lead product development initiatives from ambiguous requirements through solution design, implementation and delivery.
- Work directly with clients to understand workflows, refine requirements, define features and turn business problems into practical software products.
- Designed and built a diagnostics laboratory CRM end-to-end, covering patient registration, role-based access, service workflows, smart queues, billing, clinical operations, reporting, preventive program, leads and analytics.
- Personally handled frontend and backend development while coordinating with designers and frontend developers for refinement and delivery.
- Deployed the CRM as a dedicated system for the client and am exploring its evolution into a multi-user SaaS product.
- Use rapid prototyping and AI-assisted development to move from ideas and requirements to working solutions.

Technical Partner – BizMitra Solutions

Jan 2026 - Present

- Work directly with customers to diagnose technical issues, understand business needs and propose practical solutions.
- Own feature development and production troubleshooting for a multi-tenant WhatsApp CRM serving multiple vendors and a white-label client environment.
- Resolve production issues involving queue processing, tenant isolation, duplicate campaign execution, workflow state and fragmented customer data.
- Introduce product improvements and new features based on recurring customer problems and operational requirements.
- Work across frontend and backend systems to investigate, fix and deliver changes rather than limiting work to a single layer.

PROJECTS

Diagnostics CRM – Healthcare Operations Platform

- End-to-end product designed and built for a diagnostics laboratory, including role-based workflows, patient/visit management, smart queues, billing, clinical workflows, digital consent, QR/barcode-based sample tracking, PDF reports, preventive programs and analytics.

Offer Lens – An Offer Letter Analyzer

- Product concept for analyzing offer letters, structuring compensation, identifying potential issues and generating personalized salary negotiation guidance; designed the product flow, feature scope and AI interaction approach.

Envibar – Eco-Friendly Product Recommendation Platform

- Prototype for barcode-based product identification and carbon-footprint estimation to help consumers make more sustainable purchasing decisions; paused after evaluating market readiness.

SKILLS

Product: Problem discovery, Requirement analysis, Feature scoping, User flows, Solution design, Prototyping, Client communication, Product iteration, Cross-functional execution

Engineering: React, TypeScript, JavaScript, Node.js, REST APIs, MySQL, TanStack Query, Zustand, Axios

AI: AI-assisted development, Agentic coding workflows, LLM/API integration, Prompt engineering, Gemini API

Tools & Infrastructure: Git, Docker, Vite, Vercel, Nginx, Redis, Sentry

EDUCATION

Master of Computer Applications

2023 – 2025

BMS Institute of Technology and Management, Bangalore, Karnataka

Bachelor of Computer Applications

2020 – 2023

Anuman Institute of Management and Computer Applications, Bhatkal, Karnataka