

NAHEEL MUHAMMED

Full Stack Developer (.NET + React)

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PROFESSIONAL SUMMARY

Full Stack Developer (.NET + React) with a BCA and internship experience building production-grade applications using Clean Architecture, CQRS + MediatR, and JWT authentication. Shipped an AI-powered crop insurance platform deployed to Azure Container Apps via GitHub Actions CI/CD. Skilled in ASP.NET Core, Entity Framework, SQL Server, React, and Docker.

TECHNICAL SKILLS

Frontend: React, JavaScript (ES6), HTML5, CSS3, Tailwind CSS, shadcn/ui, Zustand

Backend: C#, ASP.NET Core (.NET 8), MediatR, FluentValidation, SignalR, Hangfire

Database & ORM: SQL Server / Azure SQL, Entity Framework Core 8, ADO.NET

Architecture: Clean Architecture, CQRS, Dependency Injection, Repository Pattern

DevOps: Git, GitHub Actions CI/CD, Docker, Azure Container Apps, Azure App Service, Vercel, Swagger/OpenAPI, Polly

Integrations: Razorpay, Google Gemini AI, Cloudinary, ElasticEmail

Languages: English, Malayalam

WORK EXPERIENCE

Software Developer Intern

Bridgeon Solutions | Jul 2025 – Present

- Developed production-ready RESTful APIs using ASP.NET Core and Clean Architecture, ensuring scalable and maintainable backend services.
- Implemented JWT-based authentication with refresh-token rotation and role-based access control across multiple services.
- Built responsive React components with lazy loading and state management, improving user experience and interface performance.
- Designed normalized SQL Server schemas using EF Core and ADO.NET, ensuring efficient data access and referential integrity.
- Validated API endpoints with Swagger and automated token flows; collaborated in Agile sprints with code reviews.

PROJECTS

FarmClaim – AI-Powered Crop Insurance Platform

.NET 8 (Clean Architecture + CQRS + MediatR) | Next.js 16 | Azure SQL | Docker | Azure Container Apps | GitHub Actions CI/CD

- Architected the .NET 8 backend with Clean Architecture (Domain/Application/Infrastructure/API layers), CQRS + MediatR pipeline behaviors (validation + logging), and FluentValidation, deployed to Azure Container Apps via GitHub Actions CI/CD.
- Implemented complete policy lifecycle: purchase with full/installment Razorpay payments, PremiumSchedule installment support, status workflow (Pending → Active/Expired/Rejected/Cancelled), renewal with audit chain, and automated expiry via Hangfire scheduled jobs (IST timezone).
- Integrated Google Gemini Vision AI for automated crop-damage assessment on claim images, with admin review → approve/pay settlement workflow and claim timeline tracking.
- Configured EF Core 8 with SQL Server migrations, audit interceptor, optimistic concurrency, and unit-of-work transaction pattern for data integrity across policy and claim operations.
- Engineered resilience with Polly retry policies on external HTTP calls, fixed-window rate limiting (global + per-policy), health checks (DB, Hangfire, self), and JWT hardening with refresh-token rotation and RBAC (Farmer/Admin).
- Built real-time push notifications via SignalR, Razorpay webhook processing with signature verification, Cloudinary image storage, and templated email delivery (ElasticEmail) for OTP, policy, and claim alerts.

Gamehub – Full-Stack E-Commerce Platform

.NET 8 Clean Architecture | React 19 | EF Core 8 | SQL Server | Razorpay | GitHub Actions → Azure App Service + Vercel

- Architected a clean-architecture monorepo (141 C# files, 11 controllers, 11 domain entities) with ASP.NET Core 8 backend and React 19/Vite/Tailwind frontend.
- Implemented stateless auth using JWT in HTTP-only cookies with refresh-token rotation, BCrypt hashing, blacklisted-token revocation, and role-based admin authorization.
- Integrated Razorpay with server-side payment-link creation, signature verification on callbacks, and transactional checkout to prevent forged payments and race-condition cart corruption.
- Built full storefront (catalog filtering, cart, wishlist, checkout, order history) and admin dashboard (KPIs, CRUD for games/orders/users) with Recharts analytics.
- Set up CI/CD with GitHub Actions, deploying .NET 8 API to Azure App Service (OIDC login) and React app to Vercel; environment-configured CORS, JWT, and callback URLs.

EDUCATION

Bachelor of Computer Applications (BCA)

MES KVM College, Valanchery – Calicut University, Kerala | 2022 – 2025