

Muhammad Ali

MERN-Stack Developer | Software Engineer | GEN AI and DevOps focused

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📍 Karachi, Pakistan

TECHNICAL SKILLS

MERN Stack Developer (3+ years of experience) | TypeScript (3+) | JavaScript (3+) | Node.js (3+) | Express.js (3) | GraphQL (2) | Model Context Protocol/MCP (1) | PostgreSQL (2) | MongoDB (3) | Mongoose (3) | Next.js (2) | React.js (3) | PHP (1) | C# (1) | Redux (2) | Material UI (3) | Tailwind CSS (2) | Rust (1) | Bootstrap (3) | CI/CD (2) | Technical Documentation (2) | Styled Components (3) | JSX/TSX (3) | HTML (4) | CSS (4) | Jest (2) | Docker (2) | Vercel (3) | Vite (3) | Gen AI (2) | Git (4) | GitHub Actions (2) | ESLint (3) | Prettier (4) | API Development (3) | Office Suite (7) | Unity (1)

WORK EXPERIENCE

FluxxVentures, *Senior Backend Developer*

04/2026 – Present | Karachi, Pakistan

- Build and maintain SaaS products with focus on both UI/UX and backend infra, as well as integration reliability and deployment and scaling
- Use Cursor AI and Claude AI for code navigation, agentic workflows, backend refactors, test scaffolding, documentation drafts, and review preparation while managing and validating the output before merge
- Work with engineering and product stakeholders to clarify feature intent, edge cases, backend tradeoffs, and production issue resolution

Ashtar Global Solutions / Honeycomb Protocol

12/2023 – 03/2026 | Karachi, PK

MERN Stack Developer

- Architected and developed Edge server using GraphQL with 10+ API endpoints, creating middleware layer that simplifies Web3 transaction creation for game developers and eliminates complex blockchain integration overhead
- Engineered full-stack solutions for 5+ production applications including loyalty platforms, gaming applications, and DeFi tools, serving as sole developer for Realm Runner and contributing developer for Pooks, Sol Patrol, Mining Badger, and Degen Duelz
- Implemented automated CI/CD pipelines using GitHub Actions across 10+ projects, reducing deployment time from manual processes to on-demand deployments completing in minutes and enabling continuous delivery workflow
- Co-authored and maintained 50+ pages of comprehensive technical documentation for Honeycomb Protocol SDK using Docusaurus as one of two primary documentation maintainers, covering complete framework architecture, integration guides, and troubleshooting resources
- Provided technical integration support and troubleshooting for 20+ external clients and development teams, facilitating successful Honeycomb Protocol adoption and resolving complex Web3 implementation challenges
- Collaborated with cross-functional teams (3-5 engineers) to deliver responsive UI/UX designs, ensuring mobile-first architecture and optimal user experience across all applications
- Developed integration documentation and setup guidelines for external developers, streamlining onboarding process and reducing time-to-productivity for new teams working with custom-built applications

- Wrote comprehensive unit and integration tests using Jest, maintaining code quality and reliability across production systems
- Maintained continuous client communication and project coordination, ensuring timely delivery of features and rapid resolution of production issues

World Architectural Services, React Developer

05/2023 – 10/2023 | Hyderabad, PK

- Developed reusable React components with Redux state management for custom CRM application, serving internal teams and external clients with consistent, maintainable UI architecture
- Integrated RESTful APIs and implemented responsive styling requirements, translating Figma designs into pixel-perfect, mobile-responsive interfaces
- Built features and pages with mobile-first design approach, ensuring seamless experience across devices and screen sizes
- Conducted thorough testing and quality assurance to ensure component responsiveness, performance efficiency, and cross-browser compatibility

EDUCATION

Virtual University of Pakistan

2023 – present | Lahore, PK

B.Sc. in Software Engineering (64/135 credits)

PROJECTS

Degen Duelz *🔗, AI-powered auto-battler with crypto betting; players wager on battles between iconic characters*

- Built backend systems using Laravel to handle battle logic and wager management
- Integrated Gameshift APIs for transaction management and bets facilitation

Realm Runner *🔗, Endless runner game for the MysticDAO.io campaign of Magic Swap exchange Based on Red Runner by Bayat Games*

- Redesigned and integrated the game start architecture
- Implemented Realm Runner themed gameplay art and soundtrack
- Improved UI/UX and added client-required additional features
- Created a leaderboard and Admin Panel for campaign management

Honeycomb Protocol *🔗, A Solana development suite designed to make Web3 integration and game-making easy*

- Built developer SDK platform enabling game developers to integrate Web3 functionality without blockchain complexity
- Developed core Edge server architecture handling transaction management and API routing
- Contributed to comprehensive documentation covering framework architecture and integration guides

Pooks *🔗, A loyalty platform surrounding the Pooks NFT collection*

- Implemented NFT integration for digital collectibles and reward redemption system
- Built responsive UI components with Redux state management for seamless user experience

Sol Patrol *🔗, A missions-based Solana Game built with Honeycomb Protocol*

- Implemented game mechanics and user progression systems with on-chain rewards
- Developed frontend interface for mission tracking and player engagement

HOBBIES

Books | Coding | Gadgets | Games | Movies/TV shows | Music | Reddit | Cooking | Yoga