

Aquib Alam

Full Stack Software Engineer

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EDUCATION

Brainware University

B.Tech in Computer Science and Engineering (GPA: 7.4/10)

Kolkata, WB

2026

BIT Mesra

Diploma in Computer Science and Engineering (GPA: 9.01/10)

Ranchi, JH

2023

EXPERIENCE

Digontom

Full Stack Developer – Part-time

Kolkata (Hybrid)

Jun 2026 – Sep 2026

- Built RAG chatbots with n8n, Gemini/OpenAI, and Qdrant for healthcare and education e-commerce clients, serving ~2,000 customers, with real-time vector sync as tenants update business data and catalogs
- Integrated WhatsApp Business API automation for support and catalog browsing, and added a two-tier caching layer (in-memory and Redis)

ControlShift

Full Stack Intern

Dubai (Remote)

Jan 2026 – Aug 2026

- Delivered 6 client web and mobile applications end to end, owning ideation, backend, frontend, and API integrations across varied stacks
- Built a real-time ride-hailing platform with passenger, driver, and admin roles, using Socket.IO for live location tracking and distance-based driver matching
- Migrated a broken media-generation pipeline from AWS Lambda to EC2, using native FFmpeg and Node.js

Scrollify

Software Engineer Intern

Delhi (On-site)

May 2025 – Jan 2026

- Built core components of a Go rule engine for a no-code workflow platform used by internal teams and live clinic, hospital, and retail customers, supporting nested conditions, dynamic data models, and automated workflow outcomes
- Designed a filter service that compiles user-defined filters on dynamic, user-created tables into MongoDB aggregation pipelines across multiple collections
- Implemented multi-step and nested workflow execution over gRPC to cut bandwidth and latency, powering WhatsApp patient flows for booking, payments, and reminders
- Contributed to the multi-tenant auth service with JWT and RBAC, and deployed services with Docker and Nginx on self-managed infrastructure

DxDeals

Freelance Full Stack Developer

Dubai (Remote)

Apr 2024 – Jul 2024

- Built backend services and API integrations (Node.js, Express, MongoDB) on AWS EC2 for a multi-country e-commerce platform across the Middle East
- Integrated the Mastercard payment gateway (payment intents, webhooks, failure handling), plus Stripe, Paymob, AWS S3, and Interakt
- Optimized SEO and Google Merchant Center listings, achieving #1 rankings for electronics across Google Merchant results in the UAE and Middle East

PROJECTS

PatchMyCode – GitHub PR Review & Fix Engine | TypeScript, Node.js, MongoDB, tree-sitter, Gemini [Live Demo](#)

- Designed an AST-based analysis engine with **tree-sitter** across 12+ languages through an extensible parser registry, with recursive call-graph traversal to compute transitive dependency blast radius for LLM context
- Built an event-driven GitHub App pipeline that processes PR webhooks and diffs and posts inline reviews classified as Error, Warning, or Suggestion, typically in under 20 seconds
- Implemented **1-click remediation** that generates fixes and commits them to PR head branches via the GitHub REST API, with `/fix` command support and guards against bot-triggered CI loops
- Created a management console for repository onboarding, branch-level review policies, and PR backlog telemetry using TanStack Query and MongoDB

Drift – Social Media | Next.js, Tailwind, shadcn/ui, Prisma, PostgreSQL, Stream Chat

[Live Demo](#)

- Built a full-stack social app with Server Actions, server-side caching, and optimistic UI, achieving near-perfect Lighthouse scores and sub-150 ms API responses
- Implemented Lucia session auth, media uploads, a follow system, Stream Chat messaging, and CI/CD via GitHub Actions and Vercel Cron

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Go, Python, Java, C++, HTML/CSS

Backend: Node.js, Express, Django, REST APIs, gRPC, WebSockets (Socket.IO), BullMQ, Kafka

Databases: MongoDB, PostgreSQL, Redis, Qdrant, Prisma ORM

AI: Gemini and OpenAI APIs, RAG, n8n

Cloud & DevOps: AWS (EC2, S3, Lambda), Docker, Nginx, Linux, GitHub Actions, CI/CD, Sentry

Frontend: React, Next.js, React Native, Redux, TanStack Query, Tailwind CSS