Zagham Arif (Senior Software Engineer - Full Stack)

zaghamarif@gmail.com
+92 3147585435
LinkedIn | Github | Portfolio

Skills:

- **Languages:** JavaScript, TypeScript, Python, PHP
- **Backend:** Node.js, Express.js, Supabase, KeystoneJS, Strapi, Django, FastAPI, REST, GraphQL
- **Frontend:** React.js, Next.js
- **UI Libraries:** Material UI, Tailwind CSS, Ant Design, shadcn/ui, Bootstrap
- **Databases:** PostgreSQL, MySQL, MongoDB, Couchbase (N1QL), Firebase (RTDB, Firestore), Redis, AWS DynamoDB
- **DevOps & Cloud:** AWS (EC2, ECS, Lambda, S3, Lightsail, CloudFront, API Gateway, SQS), Google Compute Engine, DigitalOcean, Vercel, Netlify, Heroku, Docker, Terraform, GitLab CI/CD
- **Payments:** Stripe, PayPal
- **Tools:** Git, GitHub, Bitbucket, Postman, Swagger, JIRA, ClickUp, Trello, Notion, Slack, Teams, Skype
- **Other:** Datadog, Redis Queues, Node.js Worker Threads, Prettier, ESLint

Work Experience:

Xavor Corporation – Senior Software Engineer (05/2025 - 07/2025) – Lahore, Pakistan (Hybrid)

As part of a retail-focused mobile price auditing project, I designed and developed the backend architecture from scratch using Node.js, Express, TypeScript, and TypeORM. The application was containerized with Docker and deployed on AWS ECS Fargate, with infrastructure managed via Terraform. Integrated Okta authentication, Swagger documentation, Zod validation, and Datadog logging via FireLens sidecars. The system processed and cached over 2 million records from AccessVia using cron jobs and Redis, enabling paginated and queryable access for the mobile client. High-volume inserts were handled through Redis-based job queues and Node.js Worker Threads for parallel processing. Worked directly with a US-based client, collaborated under experienced technical leadership, and supported onboarding for junior developers using JIRA for task management.

Hashlogics – Senior Software Engineer (08/2022 - 02/2025) – Lahore, Pakistan (Onsite)

Enhanced skills in Python, ReactJS, and the MERN stack. Optimized web app performance, implemented AWS Lambda functions, and architected microservices frontends. Administered AWS deployments using Terraform and earned recognition as Employee of the Month for outstanding contributions.

Key Projects:

- **CivaSource:** Created services for product scraping, concurrent processing (Redis Queue), AI-driven product matching, and profitability analysis. Developed FastAPI for product management and user authentication. Mentored a team, providing both hands-on development and technical guidance.
- **GivingFridays:** Accelerated the migration from Strapi to Supabase, utilizing its full capabilities (authentication, storage, edge functions, etc.). Redesigned APIs using Next.js and TypeScript (Deno runtime) to facilitate scheduled donations via PayPal billing agreements. Guided a team of 3-4 developers, shipped features under tight deadlines.
- **AlteraApp (Minecraft):** Built JavaScript libraries and WebSocket connections for Minecraft bot behavior and communication. Devised UI and command libraries for bot control. Partnered with a team to deliver a cohesive and functional product.
- **Forwood Safety:** Directed a team to implement safety checklists and managed AWS Lambda functions and DevOps tasks. Designed a microservices UI with ReactJS. Coordinated project schedules and team efforts to meet objectives.

- **TradeFundrr:** Worked on a CRM system using Python, Flask, Django, and ReactJS. Conducted API testing and actively participated in agile methodology. Collaborated with team members to ensure high-quality and timely delivery.
- **Playertotals:** Engineered features for game data extraction and real-time player statistics updates using Node.js (TypeScript), React.js and MongoDB. Managed cron jobs and Redis queues for data processing. Led a team of 4, overseeing development and task management.

Memberhood Inc – Software Engineer (03/2022 - 03/2023) – Germany (Remote)

Engaged in both GraphQL and RESTful API development, and implemented a Next.js frontend using TypeScript. Developed a backend with KeystoneJS (TypeScript), GraphQL, and MongoDB. Integrated Stripe for payment processing and onboarding, managed Stripe webhooks, and coordinated multiple deployment stages.

GulzarSoft – Associate Software Engineer (02/2021 - 02/2022) – Gujrat, Pakistan (Hybrid)

Acquired one year of professional experience as a Full-Stack JavaScript Developer. Crafted web applications using React and Node.js, demonstrating proficiency in both independent and collaborative environments.

Key projects:

- **Autotempest**: Developed a responsive web app to filter and display scraped cars stored in a MySQL database. Designed the frontend with React.js and constructed REST APIs for searching and filtering with Node.js.
- **Points App**: Created a web-based points redemption app for customers to redeem top-up codes. Developed the app using Node.js, React.js, and MySQL.
- **SICP:** Built an e-presentations web app for managing research events (authors, dates, promotional videos, event durations, etc.) using Node.js, React.js, and MySQL, deployed on AWS.
- **Vehicles Extension Solution:** Engineered a web app to scrape vehicle data using CRON jobs and store it in MongoDB. Designed the frontend with React.js and implemented backend services using Node.js and MongoDB.

Projects:

Homeats – Software Engineer (03/2022 - 06/2022) – Turkiye (Remote)

Worked at Homeats, a leading online healthy food marketplace. Enhanced and refined web dashboard features using Next.js (TypeScript) for the frontend and Node.js for the backend. Built and maintained REST APIs and managed documentation using Swagger.

Skupreme – Software Engineer (06/2022 - 08/2022) – USA (Remote)

Contributed to Skupreme, an e-commerce platform with automated catalog and order management. Improved frontend dashboard features using Next.js. Followed agile practices and collaborated through ClickUp and GitHub.

Education:
University of Gujrat, Hafiz Hayat Campus
Bachelor of Software Engineering (2016 - 2020)