

Zagham Arif

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ABOUT ME

Experienced Software Engineer with a focus on full-stack development and cloud engineering, specializing in JavaScript, TypeScript, Python, and cloud-native technologies. Proficient in designing scalable microservices architectures, implementing CI/CD pipelines, and ensuring cloud security. Proven track record in leading Agile teams, optimizing cloud deployments using Terraform, and driving innovation across diverse industries.

DIGITAL SKILLS

Programming Skills

Javascript | Typescript | Python | Core PHP

Framework, Libraries & Technologies

NodeJS | ExpressJS | StrapiJS | KeystoneJS | Django | Supabase | ReactJS | NextJS | REST and RESTFUL | GraphQL API

Databases

MySQL | NoSQL | MonogDB | PostgresSQL | Firebase | Firestore | CouchBase

Cloud & Hosting Services

AWS - EC2 | AWS - Lightsail | Digital Ocean | Google Compute Engine | Heroku | Namecheap | Hostinger | Vercel | Netlify | AWS - Lambda | AWS - S3 | Cloudinary

Project Management

Atlassian (JIRA/CONFLUENCE) | Clickup | Trello | Notion

Version Control System

Git | Github | Bitbucket | Gitlab

WORK EXPERIENCE

08/2022 – CURRENT Lahore, Pakistan
SOFTWARE ENGINEER HASHLOGICS

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 FAST APIs for product management and user authentication. Collaborated closely with 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) to facilitate scheduled donations via PayPal billing agreements. Guided a team of 3-4 developers, ensuring smooth project delivery and collaboration.
- AlterApp (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.

03/2022 – 03/2023 Germany
SOFTWARE ENGINEER MEMBERSHIP INC.

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.

02/2021 – 02/2022

ASSOCIATE SOFTWARE ENGINEER GULZARSOFT

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

03/2022 – 06/2022

Homeats - Software Engineer (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.

06/2022 – 08/2022

Skupreme - Frontend Engineer (USA, Remote)

Contributed to Skupreme, an e-commerce platform with automated order and catalog management. Refined dashboard features using Next.js and adhered to Agile development practices, employing Scrum methodologies and Click Up.

2019 – 2020

Deployment Tool for Cloud Functions: Multiple Views of Firebase Data

Final Year Project: Created an automation tool for converting N1QL queries into Firebase functions, improving system reliability and user experience. Facilitated seamless integration between N1QL (Couchbase) and Firebase, eliminating the need for manual coding or hosting. Utilized Node.js for API management and HTML/CSS/JS for frontend development.

Al Khair Traders - POS

Built a web-based management system for a local store to handle sales, purchases, and bookkeeping operations. Utilized Node.js and MySQL for backend development and ReactJS for the frontend. Deployed the platform on Namecheap, enhancing store management efficiency.

Modern POS

Developed a web-based POS system to manage various business operations, including sales, purchases, user management, and accounting. Constructed using Core PHP, Bootstrap, jQuery, and MySQL for the database, providing a streamlined solution for retail management.

EDUCATION AND TRAINING

09/2016 – 09/2020 Gujrat, Pakistan

BACHELOR OF SOFTWARE ENGINEERING University of Gujrat, Hafiz Hayat Campus
