Mohammad Inamullah

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ABOUT ME

Results-driven Full Stack Engineer with expertise in backend development and a proven track record of building, deploying, and optimizing web applications in high-impact environments. Skilled in designing efficient solutions for complex business processes, with a strong focus on integration, automation, and optimising user experiences.

WORK EXPERIENCE

III ASTROLABS - RIYADH, SAUDI ARABIA

FULL STACK ENGINEER - 01/10/2023 - CURRENT

Links: https://www.setupinsaudi.com/, https://www.dashboard.setupinsaudi.com/

- Led backend development for a B2B SaaS platform automating legal workflows for business setup in Saudi Arabia, contributing to 83 paying clients in the first month post-launch.
- Implemented and automated Saudi e-invoicing integration with Xero, Marmin, and ZATCA to ensure full compliance with Saudi government regulations.
- Designed and implemented a billing system using Checkout.com with support for credit cards, bank transfers, recurring billing, and automated invoice tracking.
- Built government portal monitoring tools (QIWA, MISA, MUQEEM) with real-time access validation and alerting to
 ensure uninterrupted service continuity.
 Designed a desument management and automation system with expiration tracking, classification, proactive.
- Designed a document managment and automation system with expiration tracking, classification, proactive reminders, and audit trails, reducing manual compliance risks.
- Developed an OCR service using Google Gemini (Generative AI) to extract structured data from documents.
- Delivered a visa management module handling multiple visa types with automated document validation, submission workflows, and real-time status syncing.
- Implemented an intelligent employee management system tracking Saudization ratios, visa statuses, and onboarding compliance per local labor laws.
- Developed a multi-tiered payroll system in accordance with the Wage Protection System (WPS), supporting Level 1–4 workflows, automated status tracking, and compliance audits.
- Created a comprehensive reporting system that provides insights into company compliance status, employee statistics, and document management metrics.
- Integrated HubSpot CRM, chat, and meeting scheduler to streamline marketing, customer communication, and follow-up processes.
- Integrated DocuSign for document e-signing and Clerk for cross-platform user authentication.
- Enhanced server monitoring with Sentry and set up Slack notifications for real-time updates on key events.
- Wrote unit tests with Chai and Mocha to ensure high code quality and reliability and Swagger for documentation.
- Established CI/CD pipelines to automate deployment processes.
- Oversaw and maintained staging and production environments on GCP, leveraging Google Cloud Storage for file management.

Tech stack: NodeJs, ExpressJs, React, MySQL, Postgres, Lambda, AWS EC2, S3, SES, GCP, GCS, Serverless, Google Cloud Run, Mailgun, Loops, Gemini, Sentry, Stripe, Checkout, Xero, Marmin, Hubspot, Docusign, Github, Jira, GenAl, Swagger, Microservices, BullMQ.

■ BIRCUBE

BACKEND DEVELOPER - 01/07/2022 - 30/09/2023

Increw

Links: https://increw.io/

- Developed and optimized backend services for a platform connecting talents with companies.
- Developed a backend service to automate the candidate-job matching process, increasing the efficiency of identifying and matching the most qualified developers with job requirements by 40%.
- Designed and implemented a service to parse resume using AI, extracting key information to build user profiles for efficient candidate management.
- Improved database query performance, ensuring efficient data retrieval in expensive APIs.

CCMS(Crash Cart Management System):

(In house system for a hospital)

• Developed and maintained backend services for the CCMS Mobile App, optimizing hospital inventory management for medical supplies.

- Implemented features for tracking drawers, medications, and stock levels, reducing waste and improving stock accuracy by 30%.
- Reduced communication overhead by 40% by streamlining the process of updating inventory and managing requests, ensuring seamless coordination between nurses and technicians.

Tech Stack: NodeJs, NestJs, ExpressJs, Typescript, Swagger, MySQL, Postgres, Github, Asana.

HOLIDAYFINDS - LONDON, UNITED KINGDOM

BACKEND DEVELOPER - 01/06/2021 - 31/07/2022

Link: https://www.holidayfinds.com/

- Integrated hotel inventory APIs (OTAs) to fetch real-time availability, pricing, and hotel details.
- Utilized **MongoDB advanced search features** (e.g., text search, indexing, aggregation pipelines) for fast and efficient hotel search across large datasets.
- Developed a powerful search query engine with advanced filtering and sorting (by price, rating, amenities, etc.).
- Implemented efficient caching(Redis) and pagination to ensure performance at scale across millions of listings.
- Integrated secure payment gateways (e.g., Stripe/PayPal) to support payment.

Tech stack: Node.js, Express, Typescript, MongoDB (Advanced Search), Redis, OTA Integrations, Checkout.com, AWS S3, AWS SES, AWS EC2, AWS Lambda

■ SOFTWARE AGENCY – KOBLENZ, GERMANY

BACKEND DEVELOPER - 01/07/2020 - 31/05/2021

Link: https://www.mondoq.eu/en

- Developed the backend for a quality management platform, enabling efficient audits, service order tracking, and automated task workflows.
- Improved operational efficiency by 300% through automating resource allocation, task management, and document tracking.
- Implemented a service for automated reporting, enhancing track record and communication efficiency by 60%.
- Managed deployment on AWS Clouds utilising EC2 and other services such as S3 and SES.

Tech stack: Node, Express, MySQL, AWS SES, AWS EC2, AWS S3, Clickup.

EDUCATION AND TRAINING

Mardan, Pakistan

COMPUTER SOFTWARE ENGINEERING University Of Engineering and Technology Mardan

Software Development Techniques: (Programming, OOP, software design patterns, web and data structures & Algorithms, Software testing, quality assurance, debugging, and system optimization, with a focus on performance and reliability)

Applied Computing Sciences: (Computer science fundamentals, database management, machine learning) **Business and Industry Context**: (Project management, software lifecycle management, Software requirements engineering, Software documentation, understanding the economic, legal, and ethical considerations in tech)

Final grade A- | **Thesis** Crowd funding application for NGOs.

LANGUAGE SKILLS

Mother tongue(s): **PUSHTO**

Other language(s):

	UNDERST	ANDING	SPEAK	WRITING	
	Listening	Reading	Spoken production S		
ENGLISH	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

NodeJs	ExpressJs	NestJS	JavaScript	TypeScript	PostgreS	QL Moi	ngoDB	MySQL	Sockets	
Swagger	Chai and	Mocha	Serverless	Redis Read	tJs Fireb	oase Do	ocuSign	HubSpot	Clerk	Stripe
Sentry	AWS Git	CICD	Generative A	Al OpenAl	Gemeni	LLMs	Deployi	ment Git	hub Jira	
FastAPI	Docker	Xero M	licroservices	BullMQ P	osthog I	Marmin	Zatca	ReactIS	Tailwind	antd