

HAROON DILSHAD

Staff Engineer

Contact

✉ hello@haroondilshad.com

📍 Berlin

Languages

- English - Native
- Deutsch - A2

Professional Summary

Staff Software Engineer with 9+ years of experience in developing scalable, user-centric solutions. Skilled in leading teams, optimizing processes, and implementing technical solutions that align with business objectives.

Key Strengths

- Cloud Architecture: Event-driven systems, improved scalability (AWS, Azure)
- Leadership: Cross-functional team management, mentoring
- DevOps: Automated testing, CI/CD implementation
- Data: ETL processes, pipeline development, insights generation
- UX Focus: Intuitive interfaces, efficient backend systems
- DX (Developer Experience) Focus: Streamlined workflows, tooling optimization, reduced onboarding time

Staff Engineer @ HeartbeatMed Berlin, Germany — Feb 2024—Aug 2024

- Implemented end-to-end and integration testing strategies, improving overall product quality and reducing bug discovery time.
- Implemented preview environment seeding process, reducing setup time from multiple developer hours to minutes.
- Developed automations for routine tasks i.e. score calculations, resending emails to eligible users etc. , increasing team productivity and removing manual interventions.
- Architected and implemented spotlight search functionality, improving user experience and search accuracy.
- Mentored junior developers with extensive code reviews and pair programming sessions.

Tools & Technologies: AWS Cloud with CloudFormation, Event-Driven Architecture, Docker, Postgres, Grafana, Prisma, Playwright, TypeScript, Remix, NodeJS, KeyCloak, TypeSense, NATs, PgBoss, yarn berry Monorepo.

Senior Full-Stack Developer & Technical Team Lead, BuildingMinds GmbH. Berlin, Germany — 2019—Jan 2024

- Architected and led development of a no-code-low-code highly scalable "Generic Connector" platform, enabling seamless integration of diverse data providers with minimal code changes; saving thousands of euros in integration costs per provider.
- Designed and implemented a CDM-compliant data normalization and transformation pipeline, streamlining data flow to downstream services and data lake.
- Spearheaded an inner-source initiative, fostering collaboration and code reuse across teams, resulting in shared ownership of unmaintained services.
- Mentored junior developers with extensive code reviews and pair programming sessions.
- Implemented automated testing strategies, increasing test coverage from 60% to 95% and reducing regression of bugs.
- **Tools & Technologies:** Azure Cloud, MSA, Event-Driven Architecture, K8s, Docker, Grafana, ELK, Postgres, Angular, NodeJS, TypeScript, RxJS, Ngxs, NestJS, Jest, Mongo, CosmosDB, Kafka, EventHubs, ETL.

Tools & Technologies

Programming Languages:

JavaScript - TypeScript
Java - Go - Python

Backend:

Node.js - NestJS - Express
Django - Deno - BunJS

Frontend:

Angular - React - RxJS - NGXS
Redux - Remix

Databases:

MongoDB - Postgres
Cloudant - CouchDB - SQL +
Lite

ORM/ODM:

TypeORM - Sequelize
Prisma - Mongoose

Testing:

Jest - Codecept
Playwright/Puppeteer

Cloud & DevOps:

Cloud Native APIs from AWS,
GCP, Azure, Vercel, Netlify
Docker + Compose
Kubernetes (K8s)

API Technologies:

GraphQL - gRPC/tRPC
RESTful APIs

Search:

ElasticSearch - TypeSense

Software Engineer, Caya GmbH., Berlin, Germany (Remote) — 2017-2018

- Caya makes your postal mail digital. I was responsible for creating and maintaining necessary visual and compute components responsible for digitalizing the physical mail and making it available to users.

Tools & Technologies: MSA, Serverless Framework, ReactJS, Typescript, Redux, NodeJS, AWS, DynamoDB.

Technical Lead, M-Hospitality, Athens, Greece (Remote) — 2019-2019

- Lead a team of designers and developers to create companion applications for top-rated hotels
- The most challenging aspect of the project was to “generate” a different app for every hotel from a single unified code base.
- This was made possible by feeding different layout and other configurations at build time.

Tools & Technologies: Ionic Framework, Angular, Typescript, Rxjs, MySQL, PHP, NodeJS

Full-Stack Developer, AIRE Services LLC., California, USA Remote — 2016-2017, 2019

- As a core full-stack developer, I was involved in building an application that assists users in finding and agents in selling real estate.
- I developed a data-ingestion system that pulls data from dozens of MLS Services from across the USA and standardizes it.
- I also helped create a cross-platform mobile application that consumes this data.

Tools & Technologies: Ionic Framework, Angular, Typescript, Rxjs, NodeJS, Restify, Cloudant

Independent Contractor, Upwork — 2015-2019

- 100% job success rate throughout my career.
- 91% of clients have expressed a willingness to recommend my services to others.
- 100% of clients have indicated their desire to collaborate with me again.

EDUCATION

SEecs - NUST, Islamabad, Pakistan — BE Software Engineering 2011-2015