

PROFILE

Technical:

- Software Engineer with **4 years** of experience building Ecomm, FinTech, and InfoSystems SaaS products.
- Generalist– A Javascript veteran but also used Python, Ruby, Swift, and Obj-C professionally.
- Worked on projects of various sizes and complexities– **monolith apps to distributed services**.
- Primarily carried out engineering responsibilities but also have been a mentor to a few.
- Strong grasp of system design, software architectures and engineering principles.

Personal:

- I place tremendous value in strong communication skills and honesty.
- I get my kicks out of solving complex problems and building software that is a true joy to use.
- Usually guilty of thinking outside the box and favoring unorthodox ideas but I always always **lead through data**.
- If I had to keep just one attribute of mine, it would be my grit for getting things done and finding a way through.

SKILLS

Programming Languages: Javascript, Typescript, Ruby, Python, Solidity, Swift, Obj-C.

Frontend: HTML, CSS, JQuery, Tailwind, Materialize, Styled Components, Ant-Design, React, Next, React Native.

Backend: Node.js, NEST, ROR, Django, GraphQL, gRPC, APIs, Websocket, AWS lambda, RabbitMQ, GraphQL, Strapi.

Database: MySQL, MongoDB, DynamoDB, PostgreSQL, Firebase, MsSQL, RDS, S3, SQL, Redis.

ORMs/ Query Builders: TypeORM, ActiveRecord, Mongoose, Knex.js, Sequelize.

DevOps, Testing, and Cloud Platforms: AWS, GCP, Circle CI, Terraform, Docker, Kubernetes, Jest, Enzyme.

EXPERIENCE

SR Full-stack JS Engineer – @F&L (Remote)

May 2022 - Oct 2023

Worked in a UK-based digital agency. Built MVPs, secured investments, and scaled products through PMF rounds.

- Led a small team of 2 engineers and integrated third-party/external APIs like Stripe and Sendgrid.
- Built an app used to analyze multiple aspects of loaning decisions from TeraBytes of data.
- Improved SQL queries created through Knex.js which **reduced read and writes by 35%** by a Nest.js backend.
- Improved and extended a vast component library to be more reusable using Redux and React.js in Typescript.
- Architected, developed, deployed and maintained the [Briefly](#)– a platform for press-release creation and distribution.
- **Achievements:**
 - Led 2 projects in a client-facing role.
 - Advocated venture capitalist on technical development of projects.

Software Engineer – @Punch (Remote)

Feb 2020 - Jul 2021

Worked for Punch's client [Skipify](#), a small fintech startup to make payments frictionless. Built the merchant team and service from the ground up. Led architectural Design Discussion and enhanced other services.

- Developed single-handedly a low-code email template builder to create shopping experiences using Node.js, Express, MongoDB, React.js, MUI, AMP, Vanilla.JS, and Google Cloud Functions.
- Built the merchant dashboard and API gateway using Next.js, Django, PostgreSQL, and GCP.
- Hired 2 engineers and set up the DevOps cycle for the merchant service.
- Scaled services through throttling and rate limiting using the token-bucket and the sliding window method.
- Led architecture efforts to adopt MACH Architecture across 8 microservices resulting in **20% infra cost reduction**.
- **Achievements:**
 - **Increased sales by 40%** of all merchants within a week of launch.
 - Earned Skipify an invite to be the featured presenter at CSA Email Summit 2020.
 - Secured partnerships with Google, Yahoo, and Cheetah Digital.

Full-stack Developer – @BCD apps (KDH, AFG)

Aug 2019 - Jan 2020

Worked on various projects for clients of BCD apps.

- Created an expense service on Nest.js and consumed it using GraphQL + gRPC.
- Developed RESTful APIs for Node.js and Rails applications. Wrote tests for end-points.
- Developed dashboard in React and a cross platform VR exhibition app in React, React-Native, and Electron.

iOS Developer – @Freelancing (KDH, AFG)

Jun 2018 - Aug 2018

Built 3 iOS apps. 1 for a local edTech Startup and other 2 for a Non-Profit organization.

- Used Swift and Obj-C to create an iOS app that required modification of native video player's behavior.
- Modified game script in C# to handle events during quiz games.

EDUCATION

BS in Computer Science – Kandahar University (KDH, AFG)

Sep 2015 - Jun 2019