

## PROFILE

### Technical:

- Software Engineer with **5 years** of experience building **Ecomm, FinTech, and InfoSystems** SaaS products.
- A generalist. A veteran in **JS/TS** but also used **Python, Ruby, Swift, and Obj-C** Professionally.
- Worked on projects of various sizes and complexities— monolith apps to **globally distributed** systems.
- Primarily carried out engineering responsibilities but also have been a **mentor** to a few.
- Strong grasp of **architectural, design**(system and code), and **engineering** principles.

### Personal:

- I place tremendous value in **communication** skills and **honesty**.
- I get my kicks out of solving **complex problems** and building software that is a **true joy to use**.
- Happily suffer from a **pie-in-the-sky** mindset and my frenetic **curiosity**— and yet, I still always **lead with data**.
- If I had to keep just one attribute of mine, I would choose my grit for **getting things done** and **finding a way**.

## WORK EXPERIENCE

### Sr Web Engineer – @Scorpbite (Islamabad, PK)

*March 2023 - Present*

As a Senior Web Engineer at Scorpbite, I built web3 applications for their client [Zogi-Labs](#).

- Developed Improved and Maintained multiple React.js and Next.js apps in Typescript. Application I worked on: [bridge](#), [MBLK token store](#), and [mini-games site](#)
- Implemented Figma designs into fully responsive designs that supported small mobile devices to 4k large screens.

### SR. Fullstack JS Engineer – @F&L (Remote)

*March 2021 - Jan 2023*

Worked as Senior Engineer at a UK-based international digital agency— helped 2 clients build MVP for proof of concepts, secure investments, and scale to find product-market fit.

- Worked in a team of 4 engineers under a tech lead. Built an application used to analyze different aspects of loans and empowered decisions over a huge set of data.
  - Improved Schema and queries causing **read +writes to reduce by 20%** on a **Nest.js backend**.
  - Built client side with highly **reusable components and redux** using **React.js (Typescript)**.
- Architected and built a complete platform (Briefly)for press-release creation and distribution **as a lead**.
  - gathered & validated requirements also architected & developed the platform **in a client-facing role**.
  - led a small team of 3 engineers on a **project with fast growth demands**.
  - Integrated third-party/external APIs like **Stripe and Sendgrid**.

### Software Engineer – @Punch (Islamabad, PK)

*Dec 2019 - March 2021*

The highlight of my 20s— so far. I worked for Punch's U.S based client [Skipify](#). Worked with people from esteemed schools and companies (Stanford, UCLA, Google, Stripe, etc)-- it was kinda like Hollywood of tech for me.

- Developed single-handedly a low-code drag-and-drop tool(Email Portal) to create shopping experiences, using **Node.js, Express, MongoDB, React.js, Materialize, AMP, Vanilla.js, and Google Cloud Functions**.
- Email Portal:
  - increased conversions by **40%** in sales of all merchants **within a week of launch**
  - earned Skipify invite to be the **featured** presenter at **CSA Email Summit 2020**.
  - was the major force behind **partnerships** with giants like **Google, Yahoo, and Cheetah Digital**.
- Hired & mentored 2 engineers. Set up the whole DevOps— Built the merchant team **from the ground up**.
- Built the merchant dashboard and API gateway using **Next.js, Django, PostgreSQL, and GCP**.
- Scaled APIs— throttling and rate limiting through the **token bucket** pattern and the **sliding window** technique.
- Led the team's design and architecture effort to adopt **MACH** Architecture over **8 microservice**.

## EDUCATION

### Bachelor of Science in Computer Science — Comsats, Islamabad

*Sept 2015 - June 2019*

### Skills:

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

**Frontend:** HTML, CSS, SCSS, Bootstrap, JQuery, Tailwind, Materialize, Styled Components, Ant-Design, React, Angular, Vanilla.js, Next.js, React-Native, Redux, Ether.js, Web3.js, iOS, wordpress.

**Backend:** NodeJS, Express, Ruby on Rails, Django, NEST.js, AWS lambda, RabbitMQ, GraphQL, Microservices, Redis, Passport.io, Socket.io, Strapi, PubSub, Sanity.io.

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

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

**DevOps, Testing, and Cloud Platforms:** AWS, Google Cloud Platform, Heroku, Digital Ocean, Circle CI, Travis CI, Terraform, Docker, Kubernetes, Version control system(Git), Linux, QUnit, Selenium, Jest, Mocha, Enzyme.