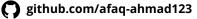# Afaq Ahmad

Extensive experience in devising innovative solutions for Travel-tourism, social networking, customer experience and fintech industries utilizing nascent technologies and frameworks. Looking forward to availing more diverse and innovative experience in the Software Development industry.

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EXPERIENCE

Motive (KeepTruckin),
Lahore, Pakistan — *Software Engineer.*

July 2022 – Present

Fleet Management System

• Fleet management product managing driver's & fleet manager's apps along with **ELD** devices event logs for smooth trucking management to avoid any physical & management hazards.
• **Streamline** dispatch and **scheduling** with a single, comprehensive map. Track live and past vehicle and trailer locations; Ensure drivers are on schedule and not violating the laws.

Arbisoft Pvt Ltd,
Pakistan - *Software Engineer.*
July 2020 - July 2022
Clients: *KAYAK, Jobcase, edX, etc*

• Implemented & Optimized several **ReactJs/Redux/NextJs** frontend solutions from scratch following Scrum methodology by conducting regular sprints.
• Direct communication with clients & led a small team of 5 people. Worked in **KANBAN** & **SCRUM** environments.
• Developed/Automated end-to-end automation solution from ground up in **TypeScript** using protractor, webdriver.io framework.
• Developed REST based API services using **DjangoREST** and **Express** with user selected authorisation protocols like **JWT**, **OAuth 2.0**, etc.

UET Kics,
Lahore, Pakistan — *Research Engineer.*

June 2019 - June 2020

Clients: *Ebryx, FAST NUCES, PAF, etc.*

• Collected website's metadata by tracking Robots.txt file. Did **Webscrapping** mainly in Python **Scrappy** framework, wrote many efficient crawlers for diverse databases & sources
• Researched & developed on secure & efficient **DL models** for NIDS i.e. Genetic Algorithms, Neural Networks, CNN & RNN
• Developed a full end-to-end **ML** models integrated solution in **Django** with basic HTML templates for a customization **IDS**

SKILLS

Back-end:
Node.js, TypeScript, JavaScript, Python, DjangoREST

Front-end:
React.js/Redux, AngularJs, NextJs, RxJs, Webpack

Database:
MongoDB, PostgreSQL, MySQL

Testing:
Protractor, webdriver.io, Chae.js, MochaJS, Jasmine, Allure reports, gulp.

Others:
Webpack, Docker, BitBucket, Bamboo, Github, Gitlab, Distributed Systems, JIRA, Trello, Gitlab Devops, Postman, Swagger API

EDUCATION

Bachelors in Computer Science (BSCS).

National University of Computer and Science (FAST), Lahore.
(2016–2020).

Electives: *Design Patterns, DataScience, Distributed Systems, Human Computer Interactions.*

PROJECTS

Jobcase,
Jobs Management Portal

Industry: Social Media
(Node.js, React.js, ReduxJs, NextJs, Figma, Gitlab Devops, Docker, LaunchDarkly).

US (Cambridge) based job marketplace & social media platform for target blue-collar jobs. We delivered the Employer's Portal with the most efficient team management. Managed team with switching Agile methodologies using SCRUM & Kanban processes as per the client's demands. Mainly developed, the solution in ReactJs used LaunchDarkly for feature management. Complete API collections setup in Postman & documentation in Swagger docs.

Sentimeter,
Customer Feedback Collection

Industry: Enterprise Management / Fintech.
(Node.js, React.js, MongoDB, PostgreSQL, Docker,ORM, DjangoREST, Redux).

Articulated the complete frontend architecture alongwith developing Cross-platform ReactJs application with Redux as state-management tool. Delivered customer technical support in case of technical issues as well as assisted in deployment. Directly communicated with Implementation & support and Marketing teams.

KAYAK,
Affiliate Portal

Industry: Travel & Tourism
(Node.js, MongoDB, Docker,Mongoose, Allure reports, TypeScript, webdriver.io, MochaJS, Bamboo)

Delivered a benchmark Slack integrated reporting system by providing 100% end-to-end test coverage. Efficiently optimized Sanity & Canary's build times for rapid deployment to production environment. We had benchmark Clean code & SOLID principles standards for our codebase.

ACHIEVEMENTS

-**Winners - Problem Solving**
FAST University.

-**Deans List Awards - Twice**
FAST, NUCES.

CERTIFICATIONS.

AWS - Associate Software Developer *Started

Udemy - Ethereum and Solidity: The Complete Developer's Guide *Inprogress

Educative - Problem Solving - Hacking the coding Interview

Frontend Masters - Intermediate React, v2

PERSONAL SKILLS.

-Good oral and communication skills.

-Capable of client interaction and leading a team.

-Team player.

-Good at problem solving.

-Capable of socializing with anyone.