

# Muhammad Ali Tahir

## FULLSTACK ENGINEER & SOFTWARE ARCHITECT

### Summary



Highly motivated individual with 8+ years of professional work experience in challenging environments. A quick learner who adapts to extraneous assignments and exploring new dimensions while solving development problems.

### Education History

**PUCIT - Punjab University College of Information Technology**

BS in Software Engineering

Developed FYP on Medical systems, Mobile applications to manage the record in an organized way. Using scanning features to save the reports in the specific folder

### Relevant Skills

- DevOps: AWS, AWS Cognito, AWS EC2, AWS Elastic Bean Stack, AWS Amplify, AWS S3, Docker, Kubernetes, CI/CD
- Backend: NODE JS, NEST JS, Express, Fastify
- Frontend: React, Redux, Angular
- Programming: JavaScript, Node.js, TypeScript, GraphQL

### Career Summary

**CofeApp**  
Fullstack Developer

Mar 2023 - Present

- CofeApp is a captivating online platform designed to revolutionize the way coffee enthusiasts discover, experience, and appreciate their favorite brews.
- With its sleek and intuitive interface, CofeApp provides a comprehensive coffee exploration journey for both casual sippers and passionate connoisseurs alike.
- Worked as a Fullstack Developer to manage e-commerce store and their SaaS products having products with best details.
- Technologies that I've used are React, NodeJS, AWS, PostgreSQL and Fastify.

**Allup**  
Fullstack Developer

*Aug 2022 - Feb 2023*

- Allup is an all in one fitness application where users can connect with gym buddies, book fitness classes, purchase gym memberships, reserve a court, and explore fitness events.
- Allup also provides its user to book a personal trainer.
- I worked on microservices architecture with the CTO and led a team of 15 people.
- Technologies I've worked on are AWS, NodeJS, React, Express and Typescript.

**Raena Beauty**  
Backend Developer

*Dec 2021 - July 2022*

- Raena Beauty is an innovative online platform that offers a wide range of high-quality skincare and beauty products.
- With a mission to enhance natural beauty and promote self-care, Raena Beauty provides customers with an exceptional shopping experience, expertly curated products, and valuable resources for achieving healthy and radiant skin.
- I worked as a backend developer and handled the micro architecture and data sync with different shopping e-commerce platforms.
- Technologies I've worked on are NodeJS, AWS, PostgreSQL, and React.

**SWVL**  
Senior Software Engineer

*May 2020 - Nov 2021*

- Worked as a Fullstack Developer using React and Node, Express JS, Microservices, MySQL, MongoDB, GCP, Kubernetes, and Jenkins.
- Worked on the tracking system using Amplitude to track every action of the customers with the help of collaborative analytics.
- I also helped to automate fresh chat for the customers to reduce agent involvement using a fresh chatbot.
- Worked on a large dataset of user bookings.
- Technologies I've used are React, NodeJS, Express.js, MongoDB and Docker.

**Uptok**  
Fullstack Developer

*Jan 2020 - Apr 2020*

- It is an E-commerce web platform that helps users to communicate via video chat on a Shopify store.
- I handled both the front-end and back-end sides. It was challenging for me to integrate the Agora video and confirm approval from the Shopify app.
- I created a dashboard for shopping with the sales studio and customers review.
- I've integrated multiple APIs and Added payments methods using React, NodeJS, Typescript, and PostgreSQL.

**BestPrice**  
Fullstack Developer

*Sep 2019 - Dec 2019*

- BestPrice will help you to automatically find and apply coupon codes when you shop online with BestPrice.
- This chrome extension can be downloaded by both windows and Mac users.
- I developed this chrome extion using NodeJS with Javascript.

### **APEX:E3**

*Feb 2019 - Aug 2019*

Fullstack Developer

- APEX:E3 is a provider of multi-asset analytics tools for retail and institutional investors.
- I have divided it into three pages (A:E3, Defi, Screener), and created multiple columns for price changes, added filters to analyze the price variation in the market according to ascending and descending order.
- On the Defi page, I've added the link regarding the current status in the graph.
- Technologies I've used React, Express, Ant Design, and Material UI

### **PopSpot**

*Aug 2018 - Jan 2019*

Fullstack Developer

- PopSpot is a social media mobile application where you can find content that you can't see anywhere else from all of your favorite creators. Follow creators and access their exclusive benefits by becoming a superfan.
- Technologies I've used are ReactJS, NodeJS and MongoDB.

### **Numtra LLC**

*Nov 2017 - July 2018*

Software Engineer

- Developed frontend of Big Data and Machine Learning platform using Angular, JointJS, Node JS, and MongoDB. This platform enables users to solve business-level problems by just drag and drop, having multiple data sources, operations, transformations, data dumps, and visualization of data in multiple formats.
- Created RESTful services and CRUD operations in Node JS, Express JS and MongoDB.
- Implemented visualization, drag and drop using Angular and Joint JS.
- Implemented complete role-based authentication and authorization using Passport JS, JWT in Node JS and Angular.
- Used Microsoft Azure for deployment and Azure Databricks as data source.
- Worked on a Record processing system using AngularJS and Node JS. It enables users to compare records coming from different files having different structures and from Oracle. After that apply different rules and operations to the records and storing them in MongoDB+

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### Career Summary

**One Tech Capital**  
Technical Lead

*Aug 2022 - Present*

- Worked on two main projects for this company: Cofeapp and Allup.
- In Cofeapp, users can simply browse coffee from the nearby market and order it online at home which gives an advantage of never waiting in line.
- I worked on its full-stack development to manage e-commerce stores having products with vast details using Elasticsearch, ReactJS, NodeJS, and AWS.

### Contact Info

- Mail: [thealitahir134@gmail.com](mailto:thealitahir134@gmail.com)
- GitHub: [thealitahir](#)
- LinkedIn: [Muhammad Ali Tahir](#)
- Phone: +92 300 9498431

### Relevant Skills

- DevOps: AWS, AWS Cognito, AWS EC2, AWS Elastic Bean Stack, AWS Amplify, AWS S3, Docker, Kubernetes, CI/CD
- Backend: NODE JS, NEST JS, Express, Fastify
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- Allup is an all-in-one fitness application and I worked on its full-stack development using ReactJS, Node(Express.js), Typescript, AWS, GraphQL, Kafka, and CI/CD.
- In Allup, users can connect with gym buddies, book fitness classes, purchase gym memberships, reserve a court, and explore fitness events. Allup also provides its user to book a personal trainer.

### **Raena Beauty**

*Dec 2021 - July 2022*

Back-End Developer

- Raena Beauty is an innovative online platform that offers a wide range of high-quality skincare and beauty products.
- I worked as a Backend Developer and my responsibilities were to develop new features for SAAS Platform and did integration with different ecommerce stores.
- The technologies that I used are NodeJS, Nest.js, PostgreSQL, Microservices, RabbitMQ, CI/CD and websockets.

### **SWVL**

*May 2020 - Nov 2021*

Back-End Developer

- Worked as a Fullstack Developer using React and Node, Express JS, Microservices, MySQL, MongoDB, GCP, Kubernetes, and Jenkins.
- Worked on the tracking system using Amplitude to track every action of the customers with the help of collaborative analytics.
- I also helped to automate fresh chat for the customers to reduce agent involvement using a fresh chatbot.
- Worked on a large dataset of user bookings.

### **Northbay Solutions**

*Jan 2020 - Apr 2020*

Senior Software Engineer

- Designed and developed an eCommerce website using React JS and Redux as frontend libraries, Node JS as backend, and PostgreSQL as database. (Training,Project).
- Design & developed test builder and test taker microservices using ASP.NET core, MySQL server, and Elasticsearch.
- Implemented search engine to search all tests using Elasticsearch & implemented the functionality of narrow down searching

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### Relevant Skills

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- Allup is an all-in-one fitness application and I worked on its full-stack development using ReactJS, Node(Express.js), Typescript, AWS, GraphQL, Kafka, and CI/CD.
- I supervised the team, overseeing task delegation, feature delivery, code review, and training for new joiners.
- I managed infrastructure, data migration of other big gyms like UFC, Crunch Fitness etc, platform optimization
- In Allup, users can connect with gym buddies, book fitness classes, purchase gym memberships, reserve a court, and explore fitness events. Allup also provides its user to book a personal trainer.

### **Raena Beauty**

*Dec 2021 - July 2022*

Back-End Developer

- Raena Beauty is an innovative online platform that offers a wide range of high-quality skincare and beauty products.
- I worked as a Backend Developer and my responsibilities were to develop new features for SAAS Platform and did integration with different ecommerce stores.
- The technologies that I used are NodeJS, Nest.js, PostgreSQL, Microservices, RabbitMQ, CI/CD and websockets.

### **SWVL**

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- Implemented visualization, drag and drop using Angular and Joint JS.
- Implemented complete role-based authentication and authorization using Passport JS, JWT in Node JS and Angular.
- Used Microsoft Azure for deployment and Azure Databricks as data source.
- Worked on a Record processing system using AngularJS and Node JS. It enables users to compare records coming from different files having, different structures and from Oracle. After that apply different rules and operations to the records and storing them in MongoDB+



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## Tech Lead and Senior Backend Engineer

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Highly motivated individual with 8+ years of professional work experience in challenging environments. A quick learner who adapts to extraneous assignments and exploring new dimensions while solving development problems. Recognized as a dynamic leader, skilled in motivating and guiding teams to excel in overcoming complex challenges and achieve outstanding results.

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### Career Summary

#### One Tech Capital

Aug 2022 - Present

Technical Lead + Infra + Backend

- Worked on creating secured Rest APIs for internal and external usage, plus integration with multiple third-party tools and payment gateways
- Worked on the two main projects for this company: Cofeapp and Allup.
- In Cofeapp, users can simply browse coffee from the nearby market and order it online at home which gives an advantage of never waiting in line.
- I worked on its full-stack development to manage e-commerce stores having products with vast details using Elasticsearch, ReactJS, NodeJS, and AWS.

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### Relevant Skills

- DevOps: AWS, AWS Cognito, AWS EC2, AWS Elastic Bean Stack, AWS Amplify, AWS S3, Docker, Kubernetes, CI/CD, GCP
- Backend: NODE JS, NEST JS, Express, Fastify
- Frontend: React, Next, Redux, Angular, Vue
- Programming: JavaScript, Node.js, TypeScript, GraphQL

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- Allup is an all-in-one fitness application and I worked on its full-stack development using ReactJS, Node(Express.js + Nest.js), Typescript, AWS, GraphQL, Kafka, and CI/CD.
- I supervised the team, overseeing task delegation, feature delivery, code review, and training for new joiners.
- Managed infrastructure and Backend Services, and automated the Data Migration process for onboarding new gyms.
- I managed infrastructure, optimized platform performance, and data migration of other big gyms like UFC, Crunch Fitness etc
- Directly involved with CTO to unleash the ideas effectively, and managed the product architecture design and deployments.
- Manage integration with third-party tools like FreshChat, openAI, multiple payment gateways etc
- Automated all the migration and deployment processes and reduced the AWS cost by 2 times

### **Raena Beauty**

*Dec 2021 - July 2022*

Back End Engineer

- Raena Beauty is an innovative online platform that offers a wide range of high-quality skincare and beauty products.
- My responsibilities were to develop new features for SAAS Platform and did integration with different ecommerce stores.
- Leveraged WebSockets to facilitate real-time communication and interactive features within the platform.
- Optimized system performance, decoupled components, and ensured fault tolerance.
- Worked with the designers to provide smooth user experiences with scalability and performance.
- The technologies that I used are React, Node.js, Nest.js, PostgreSQL, Microservices, RabbitMQ, CI/CD and websockets.

### **SWVL**

*May 2020 - Nov 2021*

Back End Engineer

- Worked as a Fullstack Developer using React and Node, Express JS, Microservices, MySQL, MongoDB, GCP, Kubernetes, and Jenkins.
- Worked on the tracking system using Amplitude to track every action of the customers with the help of collaborative analytics.
- I also helped to automate fresh chat for the customers to reduce agent involvement using a fresh chatbot.
- Utilized knowledge of continuous integration and delivery (CI/CD) practices, including experience with tools like Jenkins, GitLab CI/CD, or CircleCI.

### **Northbay Solutions**

*Jan 2020 - Apr 2020*

Senior Software Engineer

- Designed and developed eCommerce websites with a focus on responsive design and smooth user experience.
- Implemented frontend functionalities using React JS and Redux, with high code quality standards. (Training Project).
- Design & developed test builder and test taker microservices using ASP.NET core, MySQL server, and Elasticsearch.
- Implemented search engine to search all tests using Elasticsearch & implemented the functionality of narrow down searching

## **Numtra LLC**

*Nov 2017 - Dec 2019*

Senior Software Engineer

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## **BStreams Solutions**

*Oct 2016 - Oct 2017*

Junior Software Engineer

- Performed CRUD using ASP.NET MVC framework.
- Used select2 drop-down for searching.
- Implemented admin panel to save store configurations and error using React JS and Node JS.
- Working on ASP.NET webforms.
- Continuous learning and staying up-to-date with the latest industry trends and emerging technologies in the field of full stack and backend development.
- Skills: AJAX, jQuery, ASP.NET, Bootstrap, C#