



# Muhammad Zaid

Senior Software Engineer (Backend Developer Nodejs) at Smash Cloud

I'm an experienced Backend Software Engineer specializing in Node.js, Express.js, and NestJS. I build robust, scalable APIs, optimize system performance, and integrate third-party services efficiently. My familiarity with frontend frameworks like React, Angular, and PHP and Laravel allows me to effectively contribute across the full stack. Passionate about clean, maintainable code, I focus on creating reliable, secure, and high-performance solutions.



## Skills & Strengths

- Node.js
- Serverless
- TypeScript
- SQLite
- Angular
- Mongoose
- Telnyx LLC
- AWS
- Postman
- Task Management
- Express.js
- Microservices
- MySQL
- MongoDB
- Vue.js
- Twilio
- JSON
- GitHub
- Swagger
- NestJS
- JavaScript
- PostgreSQL
- React
- Sequelize
- Stripe
- Nexmo
- Bitbucket
- Time Management



## Experience - 6 years

### Senior Software Engineer

SMASH CLOUD MEDIA - Lahore, Pakistan | Jul 2022 - Present

As a Senior Software Engineer at SmashCloud, I led the design and optimization of scalable backend systems using Node.js. I developed APIs, managed data storage, and implemented serverless deployment with AWS Lambda and CI/CD pipelines for automation and scalability, ensuring a seamless user experience.

### Backend Developer (Part Time)

BIZZCLAN - Lahore, Pakistan | Jun 2022 - Jul 2023

I **worked part-time** as a Back-end Developer at BizzClan, where I focused on building and optimizing APIs using Node.js, Express.js, and MongoDB. My responsibilities included debugging, resolving issues, and integrating payment gateways for secure transactions with Stripe. I played a key role in improving system performance and reliability, contributing to the success of multiple projects

### Software Engineer(Backed Developer Nodejs)

BIG IMMERSIVE - Lahore, Pakistan | Jun 2021 - Jul 2022

In my role as a Software Engineer at BIG IMMERSIVE, I specialized in developing and optimizing backend systems for NFT marketplace and metaverse projects. Utilizing Node.js, MySQL, and Firebase, I improved server performance, integrated third-party services like Sumsb for identity verification, and contributed to a microservices architecture to ensure seamless functionality.

### Software Engineer(Backed Developer Nodejs)

DELINE MEDIA, LLC - Lahore, Pakistan | Sep 2020 - Jun 2021

I worked as a Backend Developer at Deline Media in Lahore, Punjab, Pakistan. My role

## Contact Info

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Pakistan  
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## Education

### University of Sargodha

Gujranwala / BSSE  
(2018)  
2.9 GPA

### Punjab Collage of Science

Gujranwala / Fsc(Pre-  
Engenering)  
(2014)  
67%

### Ad-Dawah modal High school

Gujranwala / Matric  
(2012)  
71%

## Languages

- Urdu - Native
- English - Medium

involved developing backend applications for Ovada Apps, a clinic management and health application suite. I debugged and enhanced existing products, contributed to multiple backend applications, and developed a health app from scratch, integrating it seamlessly with existing modules.

## Full Stack Developer

APPCRATES - Gujranwala, Pakistan | Jan 2019 - Oct 2020

I worked as a Full Stack Developer at AppCrates, where I specialized in developing and optimizing backend applications using Node.js and Laravel for MERN Stack and PHP Laravel projects. My responsibilities included implementing new features, debugging, modifying, and enhancing existing projects to improve functionality and performance. I also integrated third-party services to enhance backend systems and ensure seamless operation.

## Projects

### A4A

SmashCloud | Sep 2024 - Present

[https://play.google.com/store/apps/details?id=com.museumapp.a4a&hl=en\\_AU](https://play.google.com/store/apps/details?id=com.museumapp.a4a&hl=en_AU)

Tools: Node.js · NestJS · PostgreSQL · Amazon S3

Worked on the backend development of the A4A app, focusing on:

- Admin Panel – Managed museum content and settings.
- Feature Enhancements – Debugging, performance optimization, and new functionality.
- Multilingual Support & Media Handling – Implemented language support and optimized media uploads.
- Roles & Permissions – Developed authentication and user access controls.

### TeamCap

Smash Cloud Media | Jul 2022 - Present

<https://apps.apple.com/eg/app/teamcap/id1562673524>

Tools: AWS Lambda · Node.js · Express.js · MySQL · Back-End Web Development

TeamCap is a React Native-based SaaS application designed for consulting and advisory firms.

Worked on its backend development, focusing on:

- Provided support, debugging, and optimization.
- Revamped the HRM solution, enhancing features and performance.
- Implemented AWS Lambda deployment and managed CI/CD pipelines for automation.

### BlackBooking

BizzClan | Jun 2022 - Jul 2023

<https://blackbooking.org/>

Tools: Node.js · Express.js · Paypal Integration · MongoDB

BlackBooking is a MERN stack-based platform designed to connect users with professionals for seamless service bookings. Worked on its backend development, focusing on:

- Enhanced and debugged the payment gateway for smooth transactions.
- Fixed critical issues to improve system reliability.
- Optimized overall performance for a better user experience.

### Virtua

Big Immersive | Jun 2021 - Jul 2022

<https://virtua.com/>

Tools: Back-End Web Development · Node.js · MySQL · Express.js · AWS Lambda · Microservices

Virtua is an NFT marketplace that enables buying, selling, and trading NFTs while offering Metaverse land sales, allowing users to own and develop virtual real estate.

Worked on backend development, focusing on:

- Optimized server performance by improving response times and query efficiency.
- Provided support, debugging, and system optimization.
- Integrated third-party services like Sumsu for identity verification.
- Developed APIs and implemented Metaverse land sale features.
- Built a microservices architecture for enhanced scalability.

## Ovada CM

Deline Media, LLC | Oct 2020 - Jun 2021

<https://www.ovada.com/>

Tools: Amazon Web Services (AWS) · Node.js · Express.js · MySQL · ES6 · Typescript · Sequelize

Ovada is a U.S.-based software company specializing in cloud-based EHR and patient management solutions, including Ovada MD, Ovada Health, and a patient check-in Kiosk.

Worked on backend development of Ovada apps, focusing on:

- Debugging and enhancing existing products.
- Developing backend systems for multiple applications.
- Building a health app from scratch and integrating it with existing modules.

## JUST EAT (MERN)

AppCrates | Jun 2020 - Aug 2020

Tools: Expressjs, Mongodb, Mongoose, React

In the Just Eat project, I worked as a mobile application backend developer, focusing on developing APIs and integrating the Admin Panel API. The project involved creating a Multiple Restaurant App that enables customers to visit restaurants, place online orders, and manage employee and kitchen operations. The technology stack used was MERN (MongoDB, Express.js, React.js, Node.js) for seamless functionality and efficient integration.

## CURAAE (MEAN)

AppCrates | Mar 2020 - Jun 2020

Tools: Expressjs, Mongoose, Mongodb, Angular

Curaae is a social enterprise to reduce food wastage and hunger in our neighborhoods. Curaae brings together people who want to share their surplus food with others in need. Worked as mobile application back-end developer for APIs and website develop in Project (MEAN STACK)

## Planpooch(support && debugging)

AppCrates | Oct 2019 - Jan 2021

Tools: Node.js, Mongodb, React, Angular

I worked as a backend developer, debugging APIs, for a mobile app's (iPhone) admin panel developed in React. Additionally, I contributed to client-side web development in Angular and implemented online search functionality for dog-related information retrieval.

## Barber

Sep 2019 - Dec 2019

Tools: Nodejs, Expressjs, Mongodb, Mongoose, Twillio, Stripe

I worked as a backend developer, creating APIs and a dashboard template in Node.js, for a mobile app (React Native) focused on online barber appointment booking. The app allows separate management for barbers and clients, and my role involved implementing statistics functionality.

## ARTFORA(Laravel)support

AppCrates | Jun 2019 - Jul 2019

Tools: Php, Laravel, Mysql

A Mobile App (iPhone) developed as online Social Media App Like a FB. Worked as a back-

end developer for APIs

### **CLICK DIETATION**

AppCrates | [May 2019 - Jun 2019](#)

Tools: Core php & Twilio Service

Click Dietitian is a Online face to face consultancy Video And SMS Chat. It is a develop in Core php and Twilio Service Use. Video and SMS Twilio Service Use This Project

### **MIND MAPPING (Laravel)**

AppCrates | [May 2019 - Jun 2019](#)

A Mobile App (REACT NATIVE) developed as online Dictionary app to Search and Add this related word. Worked as a back-end developer for APIs and admin panel

### **WEB FLICKS (Laravel) Support**

AppCrates | [Apr 2019 - May 2019](#)

Tools: php, laravel, mysql

A Web Flicks is a Mobile App (Android) developed to same replica of Netflix. To Add. Season Drama and all Category Manage And control in Admin Side. Worked as an admin panel

### **ILUNCH (Laravel) support**

AppCrates | [Mar 2019 - Apr 2019](#)

Tools: php , laravel, mysql

It's a mobile Mobile App (Android & iPhone) specially designed for ordering lunches and much more features like games, buy coins, buy deals etc. Worked as a back-end developer for APIs

### **AUSTUTO CC (Laravel)**

[Feb 2019 - Apr 2019](#)

Tools: php, Laravel, Mysql

A Mobile App (iPhone) for Online Resource Booking System Worked as a back-end developer for APIs and complete as its same functionality in admin panel Same Booking for app and admin side.