

# Tayyab Nadeem

Senior Software Engineer

**Email:** tayyab841@gmail.com

**Phone Number:** +92 323 4046348

**Linkedin:** [linkedin.com/in/tayyab841](https://linkedin.com/in/tayyab841)



## Profile Summary

Senior Full-Stack Software Engineer with over **5 years** of experience in product-based environment with solid understanding of **frontend & backend systems**, APIs, and **database design**. Experienced in **system design** with a strong foundation in technical decision-making, engineering **leadership**, problem-solving, and team **mentorship**.

## Technical Skills

**Backend:** Node.js, Express.js, REST APIs.

**Frontend:** JavaScript, TypeScript, Redux Toolkit, Tailwind, Bootstrap.

**Databases:** SQL (MySQL, PostgreSQL), NoSQL (MongoDB).

**Cloud & Tools:** AWS (EC2, S3, RDS, Lambda), Git, CI/CD (terraform, teamcity)

## Education

**Bachelors of Science - Computer Science**  
Lahore University of Management Sciences (LUMS)

September 2013 - September 2017

## Professional Experience

**Senior Software Engineer, Revolving Games**

July 2022 - Present

- Led frontend development for scalable and highly maintainable architecture using Typescript, React, and Redux Toolkit.
- Developed secure backend services using Node.js, Express.js while managing both relational and non-relational databases (MySQL, PostgreSQL, MongoDB).
- Designed and deployed cloud-native solutions on AWS (EC2, S3, Lambda, RDS).
- Integrated Web3.0 features including smart contract interactions, wallet authentication and blockchain data handling using Wagmi and Appkit.
- Worked closely with product, DevOps, and design teams to deliver high-impact features quickly, while mentoring junior developers through code reviews and pair programming.

**Software Engineer, Bayt.com**

September 2020 - June 2022

- Developed and maintained high-performance backend services using PHP (Yii2 framework).
- Designed and optimized complex PostgreSQL schemas and queries for high availability and consistency
- Implemented caching strategies with Redis to improve performance and reduce database load.
- Partnered with the Site Reliability Engineering team to improve uptime and monitoring.

**Associate Software Engineer, Systems Plus**

September 2017 - January 2018

- Built full-stack web applications using Ruby on Rails (MVC, REST APIs), MySQL(ActiveRecord), and front-end technologies (ERB, HTML, CSS, JavaScript).

- Gained end-to-end SDLC experience including feature planning, testing, deployment, database migrations, and background job processing (Sidekiq).

## Additional Experience

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**Junior Lecturer, University of Lahore**

**February 2018 - August 2020**

- Led programming lab sessions for C++ and Java, covering topics like OOP, Data Structures, and Intro to Java.
- Designed lab curriculum aligned with course objectives, enhancing student understanding of key programming concepts.
- Created and graded assignments, providing feedback to improve students' coding and problem-solving skills.

## Recent Projects

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- [RCADE Node](#) - NFT Dashboard with Smart Contract interactions with reward calculations
- [War of Nova](#) - An interactive leaderboard for Project Nova - A 4X strategy game
- [Hatchlings](#) - Players rewards dashboard for Hatchlings - An open world exploration game

## Certificates

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- [React](#)
- [API and Web Services](#)
- [Javascript Algorithms And Data Structures](#)
- [AWS Certified Cloud Practitioner](#)
- [Docker for DevOps and Developers](#)
- [Visual Studio Code](#)
- [Yii2 beginner to Professional](#)
- [Analyzing Data with Python](#)

## Additional Information

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**Nationality:** Pakistani

**Languages:** English, Urdu/Hindi, German (beginner)

**Notice Period:** 30 Days

**Relocation:** Yes

**Driving License:** Yes

**Age:** 30

## References

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Available upon request.