

# AADIL KHAN

+91-9325475283 | aadilkhan8411@gmail.com | LinkedIn | GitHub | Mumbai, India

## PROFESSIONAL SUMMARY

Associate Software Engineer with 1+ year of experience in database development, optimization, and sports data analytics. Proficient in SQL, database design, and ETL processes with expertise in PostgreSQL, MSSQL, and MongoDB. Strong background in web development with SQL, React.js, .Net and full-stack application development.

## TECHNICAL SKILLS

**Programming Languages:** SQL, T-SQL, PgSQL, JavaScript, Java, HTML5, CSS3, Python

**Databases:** PostgreSQL, Microsoft SQL Server, MySQL, MongoDB, Database Design, Performance Tuning

**Backend Technologies:** Node.js, Express.js, REST APIs, JSON, ETL Processes, Data Migration

**Frontend Technologies:** React.js, HTML5, CSS3, JavaScript, Responsive Web Design

**Developer Tools:** SQL Server Management Studio (SSMS), PgAdmin, DBeaver, Visual Studio Code, SQL Server Integration Services (SSIS), IntelliJ IDEA, Eclipse, Robo 3T, Postman

**Technologies & Platforms:** Git, GitHub, Heroku, Netlify, Agile Methodology, Version Control

**Database Expertise:** Stored Procedures, Triggers, Views, Window Functions, Indexing Strategies, Query Optimization, Schema Design

## PROFESSIONAL EXPERIENCE

### Sportz Interactive

July 2024 – Present

Associate Software Engineer

Mumbai, India

- Designed and optimized complex SQL queries, views, and window functions across PostgreSQL and Microsoft SQL Server environments, improving query performance by 40%
- Developed and maintained stored procedures, triggers, and dynamic SQL solutions for high-volume sports data APIs serving 10M+ requests daily
- Led data migration and schema transformation pipelines for ingesting ball-by-ball and match-level cricket data, processing 50GB+ datasets
- Implemented database indexing strategies and contributed to scalable database architecture design, reducing query response time by 35%
- Built comprehensive ETL workflows for JSON-based datasets, enabling efficient analytics and API integrations for real-time sports data
- Managed database access controls, production support, and dashboard development for real-time API performance metrics
- Contributed to end-to-end data solutions including requirement analysis, database schema planning, and performance benchmarking
- Received 2 GEM (Going Extra Mile) Awards and 1 MVP (Most Valuable Player) Award for demonstrating ownership and critical contributions to production systems

### Prodigy InfoTech

August 2023 – September 2023

Web Developer Intern

Remote

- Developed responsive web applications using HTML5, CSS3, JavaScript, and Python, improving user experience across 5+ projects
- Collaborated with cross-functional development team to design and implement user-friendly websites following best practices
- Created automated daily test result reports using HTML, JavaScript, and CSS, reducing manual reporting time by 60%
- Gained hands-on experience with web frameworks and modern development methodologies in an Agile environment

## TECHNICAL PROJECTS

### YelpCamp - Full Stack Camping Web Application | Node.js, MongoDB, Express.js, JavaScript

January 2022

- Designed and developed a comprehensive camping web application using Node.js and MongoDB with full CRUD functionality
- Implemented user authentication system with MD5 encryption, session management, and authorization controls
- Integrated Cloudinary cloud service for image storage and management, Express.js for server-side routing
- Built responsive frontend with HTML5, CSS3, and Bootstrap framework ensuring cross-device compatibility

**URL Shortener Application** | *Node.js, MongoDB, Mongoose, Bootstrap*

**November 2021**

- Developed a scalable URL shortener application using Node.js and MongoDB with custom algorithm implementation
- Created RESTful API endpoints for URL creation, retrieval, and analytics tracking with 99% uptime
- Implemented responsive user interface using HTML5, CSS3, and Bootstrap framework with mobile-first design
- Added click tracking and analytics features to provide users with comprehensive URL performance metrics

EDUCATION

**Atharva College of Engineering**

**January 2021 – July 2024**

*Bachelor of Engineering in Computer Engineering – CGPA: 9.35/10.0*

Mumbai, India

**Lokmanya Junior College**

**July 2018 – June 2020**

*Higher Secondary Certificate (Science) – Percentage: 81.2%*

Mumbai, India

**St. Anthony’s High School**

**July 2005 – March 2018**

*Secondary School Certificate – Percentage: 79.4%*

Mumbai, India

RELEVANT COURSEWORK

- Data Structures & Algorithms
  - Database Management Systems
  - Object-Oriented Programming
- Software Engineering
  - Computer Networks
  - Web Development
- Internet Technologies
  - Software Methodology

LEADERSHIP & ACHIEVEMENTS

**Algorithm 7.0 Hackathon - College Level**

**December 2021**

*Team Leader & Full Stack Developer*

Mumbai, India

- Led a 5-member cross-functional team in developing a student community web application promoting Quality Education
- Designed and implemented full-stack solution within 48-hour time constraint, presenting to panel of industry judges
- Collaborated with diverse participants to brainstorm innovative solutions and deliver working prototype

**Professional Recognition - Sportz Interactive**

**December 2024 – June 2025**

*Multiple Award Recipient*

Mumbai, India

- Received 2 GEM (Going Extra Mile) Awards for exceptional performance and proactive problem-solving in production environments
- Awarded 1 MVP (Most Valuable Player) recognition for critical contributions to database optimization and system reliability