

# Shubham Kumar

SOFTWARE ENGINEER 2 · DATA ANALYST

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“Be the change that you want to see in the world.”

## Summary

Results-driven Database Specialist and Software Engineer with over 3 years of hands-on experience in architecting, developing, and optimizing database solutions. Proficient in a wide range of programming languages, database technologies, and collaborative tools. Eager to contribute technical expertise, innovative problem-solving, and a commitment to excellence in a challenging role. Adept in spearheading full-stack development, implementing advanced query optimization, and ensuring seamless database migrations. Seeking a dynamic position to leverage my skills in enhancing software and database solutions within a collaborative and forward-thinking team. .

## Work Experience

### Ellucian

Bengaluru, Karnataka

SOFTWARE ENGINEER 2

Jun. 2022 - Present

- **Project 1: ERP Development**
  - Spearheaded database design and optimization for the ERP UI using Oracle Apex and JavaScript.
  - Implemented innovative database objects and orchestrated creation/testing of new APIs.
  - Pioneered test case development, execution, and creation of impactful Jaspersoft Reports.
  - Implemented query optimization techniques in SQL and PL/SQL, enhancing database performance and responsiveness during migrations.
  - Demonstrated proficiency in troubleshooting and resolving complex database-related issues, minimizing downtime and ensuring data integrity and also handled end-to-end deployment processes
- **Project 2: SWAT Developer**
  - Delivered solutions to customer cases, providing detailed root cause analysis with a focus on database-related issues.
  - Deployed patches, hotfixes, and handled all deployments from DEV UAT to Production, ensuring database integrity.
  - Engineered enhanced data migration processes utilizing SQL Server Integration Services (SSIS).
  - Led design and implementation of comprehensive reports in SSRS and Tableau, providing actionable insights on key HR and time metrics for stakeholders.

### MediaAgility - Part of Persistent Systems

Pune, Maharashtra

SOFTWARE ENGINEER

Feb. 2021 - Jun. 2022

- **Project 1: HRT-Reporting**
  - Architected and optimized stored procedures, functions, and views for HR and Time Reporting.
  - Led design and implementation of comprehensive reports in SSRS and Tableau, providing actionable insights on key HR and time metrics for stakeholders.
  - Fine-tuned sub-queries, SQL, PL/SQL stored procedures, functions, and triggers, optimizing database performance.
  - Automated tasks efficiently leveraging SQL SERVER JOBS and SSIS, ensuring seamless migration of voluminous datasets.
  - Applied rigorous quality assurance practices, ensuring the accuracy and reliability of data during migration and validation processes.
- **Project 2: Validator**
  - Provided database development using PL SQL, optimizing and fine-tuning stored procedures, functions, queries, triggers, and ETL processes.
  - Demonstrated efficiency in automating tasks through SQL SERVER JOBS and SSIS, enhancing the overall efficiency of data migration processes.
  - Collaborated on web app development using HTML, CSS, JavaScript for the frontend, ensuring database compatibility.
  - Played a crucial role in quality assurance by crafting comprehensive test cases using QA Complete. Conducted rigorous testing to ensure the software's quality and identify potential improvements.

## Honors & Awards

- |      |  |                   |
|------|--|-------------------|
| 2022 | <b>At MediaAgility</b> , Awarded for Best Team (Valuable Member).                  | Gurgaon           |
| 2023 | <b>At Ellucian</b> , Received a Bonus for outstanding performance.                 | Bengaluru         |
| 2017 | <b>Finalist</b> , Scored 2nd rank in RTU thar Line follower                        | Jaipur, Rajasthan |
| 2018 | <b>Finalist</b> , Created an application in (Nasa Space App Challenge, Weather app | Jaipur, Rajasthan |
| 2019 | <b>Finalist</b> , Created Home Automation using IOT                                | Jaipur, Rajasthan |

## Presentation

## Ellucian

Begaluru, Karnataka

PRESENTER FOR <HOSTING WEB APPLICATION FOR FREE UTILIZING GITHUB, TEAM AND RESOURCE MANAGEMENT>

Nov. 2022

- Introduced the history of web technology and the JAM stack which is for the modern web application development.
- Introduced how to freely host the web application with high performance utilizing global CDN services.

## Certifications

### Cloud

AZURE

Jan. 2022 - PRESENT

- AZ-900 (Microsoft Azure Fundamental)
- DP-900 (Microsoft Azure Data Fundamental)

## Program Committees

2016 **Problem Writer**, 2016 Hackerearth Hackathon

Jaipur - Rajasthan

## Education

### Arya College of Engineering & IT, Jaipur

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

Pohang, S.Korea

April. 2016 - Oct. 2020

- Got an Honorable degree which is given to promising students in CSE Dept.

### Rose Public School CBSE BOARD

SENIOR SECONDARY EDUCATION

Muzaffarpur, Bihar

March. 2014 - April. 2015

- Percentage 67

### Sunshine Prep/High School CBSE BOARD

SECONDARY EDUCATION

Muzaffarpur, Bihar

March. 2012 - April. 2013

- CGPA: 9.6

## Extracurricular Activity

### Inter college

PAN

BADMINTON ENTHUSIAST

Present

- Regularly engage in badminton to maintain a healthy and active lifestyle. Participate in local badminton tournaments, fostering teamwork and sportsmanship.

### At Home

PAN

PASSIONATE GARDENER

Present

- Cultivate a variety of plants, showcasing dedication and nurturing skills. Actively contribute to environmental sustainability through gardening practices.

### At Home

PAN

DIY ENTHUSIAST - BUILDING OLD ELECTRICAL APPLIANCES

Present

- Engage in the restoration and building of vintage electrical appliances, showcasing creativity and hands-on technical skills. Showcase DIY projects on personal platforms, such as a personal blog or GitHub repository.