Shubham **Kumar**

SOFTWARE ENGINEER 2 · DATA ANALYSTT

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

Presentation

Ellucian *Begaluru, Karnatka*

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 *Pohang, S.Korea*

B.TECH IN COMPUTER SCIENCE AND ENGINEERING *April. 2016 - Oct. 2020*

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

Rose Public School CBSE BOARD *Muzaffarpur, Bihar*

SENIOR SECONDARY EDUCATION *March. 2014 - April. 2015*

- Percentage 67

Sunshine Prep/High School CBSE BOARD *Muzaffarpur, Bihar*

SECONDARY EDUCATION *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.