

ROWAN BLAKE

Junior Software Engineer

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☎ (123) 456-7890

📍 Riverwoods, IL

🌐 [LinkedIn](#)

EDUCATION

Bachelor of Science
Computer Science

University of Illinois

📅 2015 - 2019

📍 Urbana, IL

SKILLS

- Jira
- C#
- Mercurial
- GCP
- Docker Compose
- Spring Boot
- SSL/TLS
- Asana

CAREER OBJECTIVE

Detail-oriented and highly motivated junior software engineer with a strong foundation in computer science and programming, seeking to leverage my technical skills and passion for problem-solving to contribute to the innovative software solutions at CSC.

WORK EXPERIENCE

Database Administrator Assistant

Discover Financial Services

📅 2020 - current

📍 Riverwoods, IL

- Assisted in the design and implementation of a new database schema, resulting in a 27% reduction in query response time.
- Collaborated with the development team to create C# applications for data migration, reducing data transfer time by 21%.
- Implemented automated database backup procedures, reducing data loss risk by 33% and **saving an estimated \$10,000 in potential recovery costs.**
- Utilized Jira to track and prioritize database-related tasks, ensuring timely resolution of issues and improving project efficiency.

Database Administrator trainee

Caterpillar Inc.

📅 2019 - 2020

📍 Peoria, IL

- Improved query performance by optimizing SQL queries, resulting in a **12-minute reduction in average query execution time**, enhancing system responsiveness.
- Migrated on-premises databases to Google Cloud Platform (GCP), leading to a \$9,863 reduction in infrastructure costs while ensuring high availability and scalability.
- Developed a web application using Spring Boot, resulting in a 41.2% improvement in application performance and a 14% increase in user satisfaction.
- Maintained a 98% customer satisfaction rating through timely query resolution and database performance optimization.

PROJECTS

ML TestOps

Presenter

📅 2016

- Coordinated the project using Asana, facilitating seamless collaboration among team members and effective task tracking.
- Published research findings in a peer-reviewed journal, **contributing to the field of software testing** and machine learning integration.
- Presented research at a national computer science conference, sharing insights and experiences with industry professionals.
- Gained proficiency in machine learning algorithms, data analysis, software testing methodologies, and project management tools.