

# Cheruku Sai Kalyan

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## PROFESSIONAL SUMMARY

Results-driven Software Engineer with 1.4 years of experience, specializing in database management and backend development. Proficient in Java and a range of database technologies, including Oracle SQL, MySQL, and MongoDB. Skilled in designing and optimizing data structures, ensuring high performance and data integrity. Possesses foundational knowledge of Power BI, with experience in integrating multiple dashboards for enhanced data visualization. Committed to leveraging my software engineering expertise and database knowledge to deliver scalable and efficient solutions.

## SKILLS

- **Programming Languages:** Java, JavaScript, TypeScript
- **Frontend Development:** HTML5 | CSS3 | Bootstrap | ES6 | jQuery | JSON
- **Databases:** MySQL | Oracle SQL | MongoDB
- **Version Control & Collaboration:** GitHub | Visual Studio | Chrome Dev Tools | Eclipse
- **APIs:** REST APIs | Postman
- **Data Visualization:** Power BI (Basic knowledge) | Tableau (Basic knowledge)
- **Deployment:** Apache Tomcat 7 | Apache Tomcat 10 | Nginx
- **Testing:** End-to-end unit testing of applications
- **Server Management:** Linux
- **Other Skills:** Expert in Googling | Problem-Solving | Communication & Quick Learning

## ACCOMPLISHMENTS

**Recognized as Best Performer of the Year:** Awarded a certificate for outstanding performance and contributions, demonstrating exceptional skills, dedication, and impact over the year.

## WORK EXPERIENCE

**SOFTWARE ENGINEER | Dynamatix Analytics Pvt Ltd – Hyderabad**

**(05/2023) – Present**

### Responsibilities:

- **Integrated Multiple Workflows:** Utilized Risk Hawk tools to integrate various workflows for enhanced Enterprise Risk management, streamlining processes and improving risk assessment and management capabilities.
- **Database Management:** Managed and optimized databases with Oracle SQL, MySQL, and MongoDB, ensuring efficient data retrieval and integrity.
- **Optimized Dynamic Queries:** Successfully implemented dynamic queries in stored procedures to significantly reduce processing time and improve performance. This optimization was crucial in integrating various modules within the project, enhancing overall efficiency and responsiveness.
- **Requirements Analysis and Documentation:** Analyzed project requirements, researched module feasibility, and prepared comprehensive functional documents for proposed requirements.
- **Implementation and Development:** Responsible for implementing business requirements, designing and developing databases, and creating reports to support data-driven decisions.
- **Quality Assurance and Performance Improvement:** Collaborated with the team on code reviews, unit test plan reviews, and other quality reviews. Enhanced application performance by optimizing and rewriting SQL queries.

- **Client Communication and Management:** Communicated with internal and external clients to determine specific requirements and manage client expectations, ensuring high-quality deliverables.
- **Cross-Functional Collaboration:** Partnered with cross-functional teams throughout the project life cycle to produce high-quality, user-friendly, scalable, and bug-free software. Contributed to the development and enhancement of highly available, real-time, and secure systems used by customers.
- **ISMS Implementation:** Contributed to the development and maintenance of the Information Security Management System (ISMS), ensuring compliance with security standards and protecting sensitive information from threats.
- **Scrum Involvement:** Actively participated in Scrum ceremonies, including daily stand-up calls, weekly planning and review meetings, and retrospective calls, to ensure effective project management, team collaboration, and continuous improvement.

## PROJECTS

### **Risk and Compliance Management System (riskhawk.net)**

**Environment:** Java Script, Servlets, MySQL, Oracle SQL, Apache Tomcat, Nginx, GitHub

**Description:** RiskHawk is an advanced risk management and compliance platform designed to enhance organizational decision-making and streamline risk management processes. It provides a robust environment for integrating and visualizing data from multiple sources, enabling users to monitor and manage risk and compliance metrics in real-time. RiskHawk's powerful dashboard integration and data visualization capabilities allow users to create customized dashboards and reports, offering clear insights into key risk indicators and compliance statuses. By supporting comprehensive risk management practices and facilitating adherence to regulatory standards, RiskHawk helps organizations effectively identify, assess, and mitigate risks while ensuring compliance with industry requirements.

#### **Key Responsibilities:**

**System Development:** Built key components of the Risk and Compliance Management System using Java and the Catura platform, which is built with GWT libraries.

**Performance Optimization:** Enhanced system performance with optimized SQL queries.

**Data Integration:** Unified data from MySQL and Oracle SQL for dashboards using the Catura platform.

## EDUCATION

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|----------------------------------------------------------------------------------------------|-------------|
| <b>BACHELOR OF TECHNOLOGY (B. TECH)</b><br><b>BVC Engineering College,</b><br>Andhra Pradesh | 2019 - 2022 |
| <b>Diploma</b><br><b>BVC Institute of Technology and Science,</b><br>Andhra Pradesh          | 2016-2019   |
| <b>10<sup>th</sup> Grade (SSC)</b><br><b>Aditya E.M High School,</b><br>Andhra Pradesh       | 2015-2016   |