

# SRI KRISHNA KARUMANCHI

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<https://www.linkedin.com/sri-krishna-karumanchi/>

## Career Objective

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Looking for a job position as a Software Engineer in a dynamic firm that values analytical and technical skills and provides scope for updating knowledge. Seeking a company that will help contribute to its development while concurrently aiding personal growth.

## Education

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**Master of Science in Information Systems, Northeastern University, Boston (GPA:3.608) September 2022 - May 2024**

Courses: Application Engineering and Development, Data Management and Database Design, Web Design and User Experience Engineering.

**Bachelor of Technology in Computer Science, Anurag University, Telangana, India**

**August 2014 - May 2018**

Courses: Data Structures, Design and Analysis of Algorithms, Agile methodologies, Software testing and debugging, System design and architecture, and Cloud computing.

## Skills

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**Programming languages:** Python, Java, SQL, HTML, CSS, JavaScript, C++, C, PHP.

**Tools/Frameworks:** IntelliJ, Visual Studio, GitHub, Bitbucket, Jira, Oracle SQL, Snowflake, Postman, Stoplight OpenAPI, SQL server, Jupyter, Jenkins, SonarQube, Docker, Kafka, Mockito, Swagger, Maven.

## Experience

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**Application Development Associate at Accenture, Hyderabad, India**

**Nov 2018 - Aug 2020**

- Developed intricate SQL queries to extract and manipulate data from multiple databases, fostering leadership in data-driven decision-making, and generating comprehensive CSV reports to support company operations and end-users.
- Collaborated in the execution of a database project, ensuring timely and cost-effective delivery through strategic planning and effective dialogue mapping techniques, achieving a remarkable 95%+ customer satisfaction rate.
- Managed and optimized database systems, employing advanced data modeling strategies to reduce production expenses, enhance departmental productivity, and continuously learn and adapt to evolving technologies.
- Provided extensive support for existing data warehouses, reporting platforms, and tools, leading to a substantial 10% enhancement in overall operational efficiency through creativity in problem-solving.
- Proactively monitored and fine-tuned database performance through regular maintenance, showcasing strong time management skills, guaranteeing the successful execution of high-quality projects within predefined timelines.
- Implemented automated software update mechanisms using scripting languages, streamlining the update process, and saving 2 programmer hours each month while demonstrating efficiency in technical tasks.
- Diagnosed and resolved intricate application issues, addressing client requirements promptly and delivering effective technical solutions, showcasing strong problem-solving skills.

## Academic Projects

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**Northeastern University, Boston, MA**

- **Java Swing Food Delivery Application:** Developed an efficient Java Swing GUI application using NetBeans, facilitating seamless interaction between customers, restaurants, and delivery drivers within the system.
- **Hotel Booking Database Management:** Designed and implemented a comprehensive database system for Hotel Booking Management using SQL in Microsoft SQL Server Management Studio. Stored vital information related to Users, Bookings, Locations, Prices, Rooms, Payments, Reviews, Subscriptions, Discounts, and Offers.

**Anurag University, Telangana, India**

- **IOT Face Recognition with Haar-Cascade Algorithm:** Engineered a Face Recognition system using Python and the Haar-Cascade Machine Learning Algorithm, leveraging OpenCV libraries. This system analyzed the relative position, size, and shape of facial features, including eyes, nose, cheekbones, and jaw.
- **Creation of [www.laughingsouls.anuragweb.club](http://www.laughingsouls.anuragweb.club):** Established a user-friendly website platform, [www.laughingsouls.anuragweb.club](http://www.laughingsouls.anuragweb.club), enabling couples to explore adoption opportunities and host events at selected orphanages. Utilized a range of tools, including Creately for UML, HTML, CSS, JavaScript, PHP, and MySQL to develop and maintain the platform.