

# Sahithya Bathula

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## SUMMARY:

Recent Computer Science Masters graduate with a solid foundation in Java development, object-oriented programming, and software engineering principles. Passionate about building efficient and scalable applications. Experienced in developing small projects and participating in internships. I am eager to apply my skills and grow as a Java Developer.

## EDUCATION:

- Master of Science in Computer Science | California State University Long beach | CGPA: 3.12 | May 2024
- Bachelor of Technology in Computer Science and Engineering | K L University, India | CGPA: 3.65 | May 2022

## WORK EXPERIENCE:

### Graduate Student Assistant | Cal State Long Beach | October 2023 – May 2024

- Facilitated workshops for peer graduate students on effective study habits, time management techniques, and research strategies.
- Provided timely feedback on student assignments, helping them refine their writing skills and deepen their understanding of course material.
- Collaborated with fellow graduate assistants to create a supportive learning environment for undergraduate students.
- Assisted with development and implementation of new course materials to enhance learning experience.

### Software Development Intern | Brain O Vision Solutions Pvt LTD, India | June 2020 – Sept 2020

- Developed Web Applications:** Assisted in the development and maintenance of web applications using Java, Spring, and Hibernate, enhancing my understanding of full-stack development.
- Participated in Agile Processes:** Actively participated in daily meetings, sprint planning, and retrospectives, gaining hands-on experience with Agile methodologies.
- Collaborated with Senior Developers:** Worked closely with senior developers to debug and optimize code, learning best practices and advanced debugging techniques.
- Implemented New Features:** Contributed to the implementation of new features, including user authentication and data visualization, which improved the application's functionality and user experience.
- Wrote Unit Tests:** Developed and executed unit tests using JUnit, ensuring code quality and reliability, and reducing the number of bugs in production.
- Database Management:** Assisted in designing and managing MySQL databases, writing efficient SQL queries for data retrieval and manipulation.

## ACADEMIC EXPERIENCE:

### Bug Hound Web Page Technologies: Java, Spring Boot, HTML, CSS, MySQL

Tools: Visual Studio Code, Git, GitHub, Docker, Postman

- Developed a comprehensive Bug hound web page designed to track and manage bugs in software projects.
- Bug Tracking:** Implemented a robust bug tracking system allowing users to report, update, and monitor bugs.
- User Authentication:** Integrated user authentication and authorization using Spring Security.
- Database Management:** Designed and managed a MySQL database for storing bug reports and user data.
- Responsive Design:** Ensured the web page is fully responsive using CSS and Bootstrap.
- RESTful APIs:** Developed RESTful APIs for interaction between the front-end and back-end.

### Library Management System Technologies:Java, MySQL, HTML, CSS

Tools: Eclipse, Git, GitHub

- Developed a library management system as a part of a university project.
- CRUD Operations:** Implemented CRUD operations fo managing books, users, and transactions.
- User Interface:** Created a user-friendly interface using JSP and Servlets.
- Database Schema:** Designed and developed the database schema and wrote SQL queries for data manipulation.
- Reporting:** Generated reports for overdue books and user activity.

### Personal Portfolio Website Technologies: HTML, CSS, JavaScript, BootStrap

Tools: Visual Studio Code, Git, GitHub

- Designed and developed a personal portfolio website to showcase projects and skills.
- Project Showcase:** Displayed detailed descriptions and images of projects.
- Responsive Design:** Ensured the website is fully responsive and looks great on all devices.
- Contact Form:** Integrated a contact form to allow visitors to get in touch.

### Student Peer Mentor | Big Data & Analytics | K L University 2016 - 2018

- Provided guidance to students on **course work**, collaborated with professors during lectures, and completed relevant **certifications**, enhancing mentoring and leadership skills.
- Contributed to improved **academic performance** of peers, resulting in **elevated grades** and increased student satisfaction.

## TECHNICAL SKILLS:

**Programming Languages:** Java, Python, SQL, HTML, CSS, Java Script, MySQL, JSP

**Frameworks:** Spring, Apache Struts 1, Angular

**Tools:** Git, GitHub, NetBeans, Eclipse, Visual Studio Code, IntelliJ IDEA

**Web Services:** REST, SOAP