

Achal Bhujangaswami Raghuveer

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EXPERIENCE

Senior Software Engineer

July 2019 - December 2022

Sakha Global Pvt. Ltd

Bangalore, India

- Architected a microservice-based web application with **RESTful APIs** using **Java** and **Spring Boot** with audio-to-text conversion and a custom file system, reducing response times by **45%**.
- Engineered a responsive frontend using **React.js**, implementing reusable components and state management, enhancing user interaction by **30%**.
- Coordinated with cross-functional teams to develop efficient data migration strategies for **MySQL** and **MongoDB**, leading to a **50%** reduction in project delivery times.
- Designed a robust file system using **Java Spring Boot** and **MySQL** for efficient storage of files, improving collaborative workflows and file management for concurrent access.
- Optimized file storage using **AWS S3** and **Azure Blob Storage**, cutting storage costs by **20%** while ensuring lossless compression for files.
- Achieved **90%** test coverage using **Mockito** and **JUnit** for unit and integration testing and ensuring code quality.
- Streamlined **CI/CD** pipeline with **GitLab** and **Docker**, reducing deployment time by **40%** and enabling continuous integration.
- Led a team of engineers, providing technical guidance and managing delivery, boosting productivity by **30%**.

Software Engineer Intern

July 2018 – Aug. 2018

Opteamix

Bangalore, India

- Contributed to the development of an employee and project resource management system using **Django**, **Postman**, and **Python**, improving resource allocation efficiency by **20%**.
- Managed databases and tables using **MySQL**, ensuring data integrity, resolved issues and accessibility

Full-Stack Developer Intern

September 2017 - April 2018

IPROCESS INFO Pvt. Ltd

Bangalore, India

- Built a real-time Leave Management website, improving leave request processing by **40%** with a responsive **UI** using **HTML**, **CSS**, and **JavaScript**.
- Designed an efficient database schema using **MySQL**, optimizing data storage and retrieval processes.
- Developed web services with **Java** and **Spring Boot**, enhancing system performance.

EDUCATION

University of Texas, Arlington

GPA-3.8

Master of Science in Computer Science

Jan. 2023 – Dec 2024

Visvesvaraya Technological University

Bangalore, India

Bachelor of Engineering in Computer Science

Aug. 2015 – May 2019

TECHNICAL SKILLS

Programming: Java, Python, JSON, JavaScript, SQL, Node.js, HTTP, C#, HTML, CSS, Shell

Frameworks: Spring Boot, JavaEE, React, Redux, REST Api, Maven, Hibernate, Bash, Kafka, CI/CD, MySQL, Kubernetes, MongoDB, SQL, SQLite, Redis, Azure, AWS

Miscellaneous: Git, Postman, Linux, Unix, Jira, algorithms, Software Development, Data Structures, Eclipse, VS Code, IntelliJ, Optimization, Multi Threading

PROJECTS

Covid Count website | *Java, Spring Boot, React, MySQL*

GitHub

- Delivered real-time global Covid-19 statistics by seamlessly integrating data from four open source online APIs. Enabled live tracking of cases in 115 countries.

Heart Disease Prediction Using KNN | *Python, numpy, pandas, sklearn*

GitHub

- Developed a heart disease prediction model using the K-Nearest Neighbors (KNN) algorithm, leveraging patient data to accurately classify individuals based on their risk of heart disease.

Diversity Connect | *React JS, Java, CSS, MySQL*

GitHub

- Driving diversity by building a state-of-the-art job portal, Diversity Connect, in order to unite talents for inclusive opportunities.