

# Yashas Chandrashekar

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## Skills

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**Programming Languages:** Java, Golang, Python, C, JavaScript, PHP, HTML, CSS,  $\text{\LaTeX}$

**Web Technologies:** Apache2, Ngrok, Telebit

**Cloud Technologies:** AWS (Amazon Web Services), Firebase, GCS

**Databases:** MySQL, MongoDB, MariaDB

**IDE:** IntelliJ IDEA, Atom, Visual Studio Code

## Education

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**Computer Science and Engineering**

Reva University, Bengaluru, Karnataka

August 2019 - August 2023

CGPA: 8.74 (First class with Distinction)

## Experience

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**Backend Developer Intern**

Zino Technologies, Bengaluru, Karnataka

January 2024 - Present

- Integrated Slack into their low-code builder environment to improve team communication and collaboration.
- Developed APIs in Golang to implement a chat system using Firebase for real-time messaging and MongoDB for data storage.
- Contributed to the development of scalable backend services and microservices architecture using Golang, ensuring high performance and reliability.
- Collaborated with cross-functional teams to design and implement new features, troubleshoot issues, and optimize existing systems.

## Personal Projects

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**OpinionBox**

2023

*Technologies:* HTML, CSS, JavaScript, BootStrap, PHP, Apache2, MariaDB, Linux, Telebit

*Description:* Developed a web platform enabling peers to anonymously share opinions and rate classmates on a scale of 1 to 10, fostering constructive feedback within the academic community. This website was hosted live for over 3 days, resulting in over 50 registered users.

[Project Link](#)

**Sudoku Solver**

2023

*Technologies:* HTML, CSS, JavaScript

*Description:* Built a Sudoku Solver web app for interactive puzzle solving, automating cell-fill functionality upon user request. Demonstrated algorithmic problem-solving and user-centric design.

[Project Link](#)

**Personal Portfolio**

2023

*Technologies:* HTML, CSS, JavaScript

*Description:* In-progress portfolio website development, showcasing skills and projects.

[Project Link](#)

## Academic Projects

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**Knee OsteoArthritis Detection using CNN (Team Project)**

2022-2023

*Technologies:* Python, CNN, HTML, CSS, JavaScript

*Description:* Developed a CNN-based system for knee osteoarthritis prediction using X-ray images. The model evaluates the severity on a 5-scale metric when users upload their knee X-ray images. Recognized with the Best Outgoing Project award at Reva University.

[Project Link](#) [Research Paper Link](#)

**Hospital DataBase**

2021

*Technologies:* HTML, CSS, PHP, MariaDB, MySQL, AWS, Linux, Apache2

*Description:* Created a streamlined Hospital Database Management system enabling user registration through a user-friendly form. Admins can easily access and view details of registered patients, enhancing the efficiency of healthcare data management.

[Project Link](#)

## Certifications

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**Database Management System**

**Learning Data Analytics**

NPTEL, 2023

NPTEL, 2022

[Certificate Link](#)

[Certificate Link](#)