

KESAVAN M

[Github](#) | [Linkedin](#) | [Leetcode](#)

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Profile Summary

Full Stack Developer with expertise in front-end (HTML, CSS, JavaScript, React, Next.js), back-end (Node.js, Java), and version control using Git. Skilled in building and maintaining high-performance web applications with a focus on security and scalability. Looking to contribute technical skills to an innovative team.

Skills

Advanced

- Java, JavaScript, HTML, CSS, React.js, Next.js, Node.js, TailwindCSS, MySQL

Intermediate

- Python, Spring Boot, MongoDB

Basic

- Django, C programming, Material UI, Scikit-learn

Tools & Technologies

- Git, Github, IntelliJ IDEA, PyCharm, VS Code, Postman

Education

B.E in Computer Science

University College Of Engineering
BIT Campus - Trichy

2022-2025 **CGPA - 8.3 / 10.0**

Course Work

- Data structures and algorithms by Kunal Kushwaha
- Web development bootcamp by Colt Steele
- one day workshop on machine learning
- Student training program on XR and Gen AI

Experience

Full Stack Developer (Intern)

Brandwaves, Chennai

- Developed a fully functional Employee Management System as a Web Development Intern at Brandwaves,
- Optimized front-end performance, reducing load time by 20%, and implemented secure back-end solutions using Spring Boot.
- Integrated role-based access control, enhancing system security and ensuring data protection for sensitive employee information.

Projects

Employee Management System | [github](#)

- Developed with **Next.js** for the front-end, **Spring Boot** for the back-end, and **MySQL** for the database, with **TailwindCSS** for responsive and modern styling.
- Implemented core features including employee profiles, performance tracking, and reporting.
- Ensured seamless performance across all devices with a fully responsive user interface.

Video Summarization System

- Developed a multimodal video summarization system that integrates speech transcription and visual text extraction to summarize educational content.
- Enabled support for both YouTube videos and user-uploaded files, with end-to-end offline processing capability.
- Delivered 85–90% accuracy in capturing key video content across speech and visual modalities during test cases.

Connect Social Media | [github](#)

- Designed with the **MERN** stack (MongoDB, Express, React, Node.js) using middleware for security.
- Enabled users to post and comment thoughts with image-only support.
- Integrated Redux for efficient global state management across the application.
- Secured user access control using JWT with middleware, ensuring scalability and protection.

Mini Projects

- **ToDo List** (React.js, Material UI) [Live-Link](#) | [Github](#)
- **Netflix Frontend Clone** (Next.js, TMDB api)
- **Weather Forecasting System** (React.js, OW api) [Github](#)