

# Balasaraswathi B

## WEBSITES

- LINKEDIN: <https://www.linkedin.com/in/balsaraswathi11>
- PORTFOLIO: <https://balsaraswathib.netlify.app/>
- GITHUB: <https://github.com/Balasaraswathi11>

## ABOUT ME

Backend Developer skilled in building scalable applications with Node.js, Express, MongoDB, and MySQL. Experienced in creating RESTful APIs, database design, and server-side logic for seamless client-server communication. Focused on performance, security, and efficiency, with hands-on experience in real-world projects. Seeking opportunities to apply my expertise to impactful applications.

## TECHNICAL PROJECTS:

### Technologies Used:

Backend: Node.js, Express, MongoDB, Mongoose, JWT, Bcrypt, Multer, CORS  
Tools: Git, GitHub, Postman, VS Code

- **Description:** Developed the backend for the LMS using Node.js and Express. Created RESTful APIs for user authentication, course management, and progress tracking. Integrated MongoDB for data storage and used Mongoose for database queries. Implemented JWT for secure authentication and Multer for file uploads.
- **Outcome:** Delivered a secure, scalable backend, enabling efficient course enrollment, user authentication, and data management, with smooth API integration for both instructors and students.

## RECIPE APP

### Technologies Used:

Backend: Node.js, Express, MongoDB, Mongoose, Axios, CORS  
Tools: Git, GitHub, Postman

- **Description:** Developed the backend for a Recipe App with Node.js, Express, and MongoDB. Created RESTful APIs for recipe management and integrated Axios for external API calls.
- **Outcome:** Delivered a secure, scalable backend, enabling real-time recipe data fetching and smooth integration with the front-end.

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## ACCOMPLISHMENTS

- Developed secure and scalable backend systems using Node.js, Express, and MongoDB, optimizing data management and user authentication.
- Built and integrated RESTful APIs, ensuring seamless data flow and smooth interaction between frontend and backend.
- Enhanced application performance by designing efficient database schemas and implementing security protocols like JWT, Bcrypt, and CORS.

## CONTACT

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## SKILLS

- **Core Skills:** JavaScript (ES6+), Node.js, Express  
**Libraries:** Mongoose, JWT, Bcrypt, CORS, Multer, Dotenv, Nodemailer, Axios  
**Databases:** MongoDB, MySQL  
**Tools:** Git, GitHub, VS Code, Postman

## EDUCATION

Bachelor of Arts  
St. Mary's College (Autonomous)  
2023  
SGPA - 7.88

Higher Secondary School  
Geetha Matric. Hr. Sec. School  
2020  
percentage-72.17%

Secondary School  
Geetha Matric. Hr. Sec. School  
2018  
percentage-92.6%

## CERTIFICATIONS

- **Full Stack Development Course,** GUVI
- **Microsoft Office Suite Certification:** Proficient in Word, Excel, PowerPoint, Access, and basic Tally ERP 9.
- **Typewriting:** Completed 6-month Junior English Typewriting course
- **Language Proficiency:** Distinction in English proficiency test (11th district, 9th state); completed three levels of Hindi exams.