

# BALAMURUGAN A

abalamurugan2003@gmail.com | [GitHub Profile](#) | [LinkedIn Profile](#) | [Portfolio](#)

## SUMMARY

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Enthusiastic MERN Stack Developer with a passion for creating responsive and user-friendly web applications. Skilled in React, Node.js, Express, and MongoDB, I enjoy solving problems, learning new technologies, and building practical solutions that make an impact

## Work Experience

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**Mako IT Lab** | Frontend Developer Intern

Duration: 14/10/24 - Present

- Developed and optimized responsive web applications using **React.js**, **Next.js**, **TypeScript**, and **Material-UI**, enhancing user experience and performance
- Collaborated with backend developers to design **database schemas** and integrate frontend applications with backend services, ensuring smooth data flow and efficient API handling

## SKILLS

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**Programming languages:** JavaScript, TypeScript, C++

**Front End Technologies:** HTML, CSS, Bootstrap, React.js , Next.js ,Material UI ,Redux , Redux-toolkit, React-query

**Back End Technologies:** Node.js, Express.js

**Databases:** MongoDB

**Version Control Tools and IDE:** Git, Github,Bitbucket, Visual Studio Code, Postman

## PROJECTS

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(1) **WildLens Tours** | [LIVE LINK](#) | test credentials: [testuser@gmail.com](#) , testuser123

**Description:** WildLens Tours, a comprehensive platform for discovering and booking wildlife tours globally. This MERN stack application offers a dynamic user experience for planning adventures and robust admin features for managing bookings and tours.

**Technologies used:** React.js, Node.js, Express.js , MongoDB , Redux, Formik, React Router, JWT & Bcrypt, Razorpay

**Outcome:** Gained hands-on experience in building a full-stack MERN application, implementing secure authentication with JWT & Bcrypt, and integrating Razorpay for payments. I also improved my skills in state management with Redux and managing dynamic admin features for bookings and tour management

(2) **URL Shortener Web Application** | [LIVE LINK](#) | test credentials: [testuser@gmail.com](#) , testuser123

**Description:**A full-stack MERN application for shortening long URLs, with features including user authentication, password recovery, URL management, and a statistics dashboard. Easily create and manage short links with a user-friendly interface.

**Technologies used:** React.js,Node.js, Express.js,MongoDB, JWT (JSON Web Tokens), bcrypt

**Outcome:** Built a user-friendly URL shortener application with a dashboard for monitoring URL creation statistics, secure user authentication and password recovery, and features for creating, managing, and editing short URLs efficiently

## EDUCATION

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**Kumaraguru college of Technology, Coimbatore, India**

**2020 - 2024**

- Mechanical | CGPA: **8.4**

## Certification

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**Full Stack Web Development (MERN Stack) Course :** Completed a 4-month intensive hands-on training at GUVI in MERN Stack with practical experience in building and deploying full stack web applications.