

Balaji

baveskris@gmail.com — +91 6385862352 — [linkedin.com/in/balaji-g-097563367](https://www.linkedin.com/in/balaji-g-097563367) — github.com/Balajibavesh

Professional Summary

Results-driven **Full Stack Developer** with hands-on experience designing, developing, and deploying dynamic web applications using **React.js, Node.js, Express.js, TypeScript, and MongoDB**. Skilled in building secure APIs, integrating cloud services (AWS EC2, Render), and implementing CI/CD pipelines. Passionate about scalable architectures, performance optimization, and end-to-end product delivery. Strong collaborator in Agile environments.

Technical Summary

Frontend: React.js, Redux, Bootstrap, Tailwind CSS, Angular

Backend: Node.js, Express.js, Django REST Framework

Databases: MongoDB, MySQL, PostgreSQL

Languages: JavaScript (ES6+), TypeScript, Python, HTML5, CSS3

Tools & Cloud: AWS EC2, Render, Netlify, Vercel, Postman, Git, GitHub, CI/CD

Key Strengths: API Integration, Responsive Design, Authentication, Cloud Deployment, Microservices Architecture

Selected Projects

Online Learning Management System (LMS)

June 2023 – Oct 2023

Role: Full Stack Developer — Tech Stack: React.js, Node.js, Express.js, MongoDB, GraphQL, AWS

- Designed and implemented an LMS for managing users, courses, and assessments with role-based access.
- Built RESTful and GraphQL APIs; integrated JWT authentication for secure access control.
- Deployed on AWS EC2 with CI/CD pipelines, reducing deployment time by 30%.
- Improved overall app performance by optimizing API queries and React state handling.

Smart Inventory Management System

Aug 2024 – Jan 2025

Role: Full Stack Developer — Tech Stack: Angular, Django REST Framework, PostgreSQL, Chart.js

- Developed a cloud-based inventory tracking app for businesses to manage suppliers and stock.
- Created APIs in Django REST Framework and integrated real-time dashboards using Chart.js.
- Implemented CI/CD workflows and backend caching to enhance performance by 25%.

Volunteer Platform (CodeForChange)

Feb 2023 – May 2023

Role: Volunteer Coordinator — Tech Stack: React.js, Tailwind CSS, MongoDB, Node.js

- Led a 4-member developer team to build a portal connecting NGOs with volunteers.
- Developed front-end modules and handled backend API integration; deployed on Render.
- Collaborated using Agile sprints, GitHub version control, and Git-based code reviews.

Professional Experience

Full Stack Developer Intern — Colan Infotech, Trichy, TN

Nov 2021 – Mar 2022

- Built reusable React components and improved front-end loading speed by 20%.
- Assisted backend API integration using Node.js and Express.js.
- Collaborated in Agile sprints, participated in peer reviews, and handled Git-based version control.

Full Stack Developer Intern — ITtoALL ERP Development Company, Trichy, TN

Apr 2025 – Sep 2024

- Developed ERP web modules using React.js, Redux, Node.js, and MySQL for automation workflows.
- Improved backend API performance by 15% through query optimization and middleware refactoring.
- Supported cloud deployment using Render and contributed to API documentation via Postman.

Certifications

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| • Full Stack Web Development — Coursera *(Certificate ID: FS1234ABC)* | May 2023 |
| • Frontend Development with React — Great Learning *(Certificate ID: REACT5678DEF)* | Feb 2024 |
| • Backend Development with Node.js and Express — Simplilearn *(Certificate ID: NODE9101GHI)* | Apr 2024 |
| • Introduction to Cloud Computing (AWS) — Coursera *(Certificate ID: AWS2345JKL)* | Sep 2024 |

Education

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| Bharathidasan University, Trichy, TN | |
| M.A. in English Literature | June 2022 – May 2024 |
| B.A. in English Literature | June 2018 – May 2021 |

Achievements

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| • Received recognition for developing a mini ERP prototype during internship. |
| • Contributed to an open-source React component library on GitHub with over 50 stars. |
| • Active participant in hackathons and coding challenges on HackerRank and LeetCode. |

Additional Information

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| • Languages: Tamil (Native), English (Professional), Telugu (Limited) |
| • Soft Skills: Communication, Leadership, Collaboration, Critical Thinking, Problem Solving |
| • Interests: Cloud Computing, Microservices, API Architecture, UI/UX Design |