

Bheemavarapu Balaji *Full Stack Developer*

✉ balajibheemavarapu@gmail.com ☎ +918008075376 🌐 bbalajis.com 🔗 LinkedIn 🐙 Github

Professional Summary

Full Stack Developer with 2.5+ years of hands-on experience building scalable, user-centric web applications using the MERN stack. Proven ability to design and deploy performant solutions in fast-paced Agile environments, especially in fintech domain. Proficient in REST/GraphQL APIs, TypeScript, CI/CD (Azure DevOps), and cloud deployment. Known for writing clean, testable code and collaborating cross-functionally to deliver impactful solutions.

Technical Skills

Languages — JavaScript, TypeScript, Python, C, Java (Basics)

Frontend — React.js, Redux (Thunk), Tailwind CSS, Bootstrap, Material UI, Context API, SSR

Backend — Node.js, Express.js, RESTful APIs, GraphQL, JWT Authentication

Testing — Jest, Postman, Playwright

DevOps & Tools — Azure DevOps, CI/CD, Git, Docker (basic), SonarQube, Dynatrace, Tealium

Database & Hosting — MongoDB, SQL, Firebase Hosting, Azure

Work Experience

Tata Consultancy Services,

June 2023 – present

Systems Engineer - Full Stack Developer 📁

- Improved mortgage product selection by integrating microservices via Azure APIM and automated logic—reduced selection time by 70%.
- Implemented BM & Halifax Product Finder tools by replacing static PDFs with dynamic, database-driven UIs—cut 95% of manual deployments and improved load times using smart caching.
- Used Dynatrace with Winston logger for app monitoring, applied Tealium tagging for UI analytics, and validated backend APIs using Postman/Bruno.
- Led deployments via CR, iCAZ, and wellness workflows. Achieved 100% test coverage with Jest, ensured code quality with SonarQube, and managed CI/CD with Azure DevOps.
- Technologies:** TypeScript, React.js, Node.js, Azure DevOps, Jest, MongoDB, Tealium

Inflolabs Private Ltd,

June 2022 – May 2023

Software Engineer Trainee (Intern) 📁

- Developed a responsive, multi-screen Video-on-Demand (VOD) platform using **React.js, Redux (Thunk), Tailwind CSS**, and **MUI**, ensuring seamless user experience (UX) across devices and screens.
- Integrated **GraphQL APIs** for dynamic content rendering, collaborating with backend teams to implement MongoDB-based **CMS features** for efficient content management.
- Enabled non-technical users to launch customized **OTT platforms** with a **no-code builder**, simplifying platform personalization with custom branding, logos, and layouts.
- Worked with documentation, Figma design, GitLab for version control, and Jira for tracking tasks and tickets.
- Technologies:** React.js, Redux(Thunk), GraphQL Tailwind CSS, Material UI.

Personal Projects

Automated Programming Evaluation, apecode.bbalajis.com

- Built a full-stack coding platform like HackerRank using the MERN stack, supporting real-time code execution for C, C++, Python, and Java.
- Implemented secure JWT-based role-based authentication (Admin, Faculty, Student) with dynamic test case logic and auto-grading based on test case results.
- Tested with 60+ college students for mock assessments, ensuring usability, accuracy, and a seamless multi-device experience with a responsive UI.
- Integrated CI/CD pipelines using GitHub for efficient development, deployment, and automated testing.
- Utilized MongoDB Atlas for secure and scalable backend data storage.
- **Technologies:** React.js, Node.js, Express.js, MongoDB, Redux(Thunk), Tailwind CSS, Material UI.


Results Management System

- Developed a role-based web portal for faculty and students to manage and view academic results, with dynamic CGPA, percentage, and backlog tracking.
- Enabled Excel uploads for bulk result processing; automated student classification by department, batch, and admission type (regular/lateral).
- Implemented filtering, result updates, and Excel export features on faculty dashboard; student view shows subject-wise internal and external marks.
- **Technologies:** React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Material UI.

Education


Bachelor of Technology,

2019 – 2023


GMR Institute of Technology 

Department : Information Technology **CGPA:** 8.22/10

Certificates

- Microsoft Certified: AZ-900 – Microsoft Azure Fundamentals 
- React - The Complete Guide 2023 (incl. React Router & Redux), Udemy
- Node.js, Express, MongoDB & More: The Complete Bootcamp, Udemy
- CI/CD & Azure DevOps Crash Course – Hands-on with Docker, YAML, pipelines, and deployments

Achievements

- Recognized by CIO of LBG with a Certificate of Excellence for mortgage automation. 
- Ranked Top 217 among 7,000+ global TCS employees in Top Coders Season 2.
- Secured Global Rank 3604 in TCS CodeVita Season 10. 