

Babuji Telagathoti

Software Developer

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<https://github.com/btelagathoti>

PROFESSIONAL SUMMARY

Proficient MERN Stack Developer with 4+ years of hands-on experience in building responsive, dynamic web applications using **React.js**, **Node.js**, **Express.js**, and **MongoDB**. Adept at translating complex business requirements into technical solutions that scale. Proven ability to integrate RESTful APIs, manage **MongoDB** databases, and deliver full-stack solutions using modern JavaScript frameworks and development best practices. Skilled in agile methodologies, cloud deployment, and cross-functional collaboration to drive results.

CORE TECHNICAL SKILLS

Programming: C, C++, JavaScript, JAVA

Technologies: Java, J2EE, Spring, Spring Boot, RESTful APIs, SQL Server, Azure, Git, Jenkins

Frontend: HTML5, CSS3, JavaScript (ES6+), React.js, Redux, Bootstrap, Tailwind CSS, jQuery, Sass

Backend: Node.js, Express.js, RESTful APIs, JWT Authentication, MVC Architecture

Database: MongoDB, Mongoose, MySQL, PostgreSQL, SQL

Tools: Postman, Git, GitHub, VS Code, Figma, Chrome DevTools

Testing: Jest, Mocha, React Testing Library, Jasmine

Cloud/DevOps: AWS (EC2, S3, Lambda), Docker, Kubernetes, Jenkins, CI/CD Pipelines

Other: JSON, Axios, AEM (Adobe), WebRTC, MVC, API Documentation

PROFESSIONAL EXPERIENCE

Full Stack Developer

UF Health – Jacksonville, FL

Aug 2023 – Present

- Engineered and maintained MERN stack applications, delivering reusable React.js components integrated with Node.js/Express APIs and MongoDB.
- Modernized legacy Classic ASP platforms by redesigning the frontend in React and backend in Node.js, improving system reliability by 30%.
- Managed MongoDB schemas using Mongoose and implemented RESTful APIs to support secure CRUD operations.

- Utilized JWT for token-based authentication and tested all backend endpoints using Postman for robust security and data integrity.
- Contributed to Java/Spring Boot service layer integrations for internal microservices, collaborating with backend teams on scalable service architecture.
- Assisted in refactoring legacy Java/J2EE modules to Spring Boot-based microservices to support interoperability between old and modern platforms.
- Designed responsive, cross-device UIs with React Hooks, Redux, Bootstrap, and Tailwind CSS, enhancing user experience for healthcare staff.
- Collaborated in Agile teams, participating in daily stand-ups, sprint planning, and code reviews to maintain delivery velocity.
- Contributed to cloud infrastructure tasks using AWS, supporting scalable deployments and database resilience.
- Collaborated in Agile teams, participating in daily stand-ups, sprint planning, and code reviews to maintain delivery velocity.

Environment: React.js, Bootstrap, Tailwind CSS, HTML5, CSS3, JavaScript (ES6+), Node.js, Express.js, Java/J2EE, MongoDB, SQL, JWT, Postman, AWS, CI/CD tools

Front-End React Developer

Cognizant Technology Solutions – India

Aug 2020 – Dec 2022

- Worked on an internal enterprise project focused entirely on front-end development using React.js.
- Developed new components and enhanced existing ones using HTML5, CSS3, JavaScript (ES6+), React.js, Redux, Bootstrap, Tailwind CSS, jQuery, and Sass.
- Custom Sass Mixins for consistent styling across multiple components.
- Defined custom variables, utilized nesting, and followed modular CSS practices for maintainable code.
- Collaborated closely with the Adobe Experience Manager (AEM) team, enabling seamless integration of React components for drag-and-drop functionality within AEM pages.
- Assisted the AEM team in identifying and resolving component rendering issues, ensuring smooth handoff and cross-functional efficiency.
- Followed Agile methodology and participated in sprint-based development cycles, collaborating with designers and QA engineers.
- Refined user interfaces to be fully responsive and accessible across browsers (Chrome, Microsoft Edge, Brave) and devices (Pc, Laptop, Tablet, Phone), ensuring consistent user experiences.
- Contributed to the creation of reusable UI libraries to accelerate feature development across modules.
- Integrated REST APIs provided by backend teams using Axios and tested data flows with mock responses and tools like Postman.
- Maintained clean, maintainable codebases through code reviews, documentation, and adherence to modern React best practices.

Environment: React.js, Redux, JavaScript (ES6+), HTML5, CSS3, Bootstrap, Tailwind CSS, Sass / SCSS, jQuery, Adobe Experience Manager (AEM), Axios, Postman, Mock API tools

Academic Experience (Capstone) | St Francis college, Brooklyn, NY, USA (Jan 2023-Dec 2024)

- Built a dynamic, responsive Film Club web app using **React.js** for an interactive front-end experience.
- Built **RESTful APIs** using **Node JS** to handle backend logic, user requests, and data management.
- Integrated **MongoDB** for storing film data, user profiles, and club discussions.
- Enabled features such as browsing movies, joining clubs, and posting reviews with secure data handling.
- Implemented full **CRUD** operations for film listings and user content.
- Designed a clean UI using reusable **React** components and Bootstrap for responsive layout.
- Ensured smooth frontend-backend communication with **Axios**, and tested API endpoints using Postman.

EDUCATION

Master of Science in Information Technology

St. Francis College – Brooklyn, NY (Completed: Dec 2024)

Bachelor of Engineering in Electrical and Electronics

KL University – Vijayawada, India (Completed: May 2021)

CERTIFICATIONS

- Front End Development Libraries – freeCodeCamp
- E-Commerce with ReactJS – Udemy

PROJECTS & HIGHLIGHTS

- **Course Volgs App**: Connected React.js frontend with Django backend and MongoDB for real-time course card management.
- **Hotel Booking Platform**: Developed booking system using React.js and Java backend with MongoDB; implemented GET/fetch methods and Bootstrap UI.
- **Film Club Web App (Capstone Project)**: Built a dynamic MERN stack application with React frontend, Node.js/Express backend, and MongoDB; implemented full CRUD operations, Axios integration, and API testing using Postman.
- **Portfolio Website**: Designed and deployed a personal portfolio showcasing frontend projects using React, hosted via Netlify.