

Bhargavi Ega

📍 Bengaluru | ✉ bhargaviega022@gmail.com | in bhargaviega | 🌐 bhargaviega

Work Experience

Frontend Developer | Tata Consultancy Services (TCS) Nov 2022 - Present

- Developed and maintained responsive microsites and enterprise web apps using **React.js**, **Node.js**, **Express.js**, **REST APIs**, and **EJS**, serving thousands of users daily.
- Engineered reusable UI components and implemented state management (React Hooks/Context API) to improve code scalability.
- Integrated **RESTful APIs** for seamless data flow and reduced API call latency by optimizing network requests.
- Enhanced **cross-browser compatibility** and **built mobile-first** designs using Tailwind CSS and Bootstrap.
- Delivered 10+ client-facing solutions, boosting customer engagement and reducing page load times by **20%**.

Key Achievements:

- Received **“Hall of Fame” recognition**, awarded to top-performing engineers, making me one of the youngest recipients in my project with just 1.5 years of experience.
- Consistently earned **multiple client appreciations and internal certifications** for technical excellence, rapid issue resolution, and contributions to critical releases.
- Collaborated in **Agile teams**, participating in sprint planning, code reviews, and resolving high-priority production issues.

Projects

Placement Success Programme – TCS iON (React.js, Node.js, REST APIs) Nov 2024 - July 2025

- Key developer for a flagship **assessment-to-placement platform**, generating significant revenue for TCS. Designed **dynamic UI components**, optimized API interactions, and enhanced overall user experience with real-time updates.

Biometric Attendance System (Arduino, C / C++, SQL) Mar 2019 - Jan 2020

- Built a **fingerprint-based attendance** system using Arduino, integrating biometric authentication and local database storage for improved security and accuracy in tracking.

Dynamic Microsites with Analytics Integration (React.js, REST APIs) Mar 2025 - Jun 2025

- Developed microsites with UTM-based analytics, enabling real-time tracking and visualization of user behavior across marketing campaigns.

Education

N.B.K.R. Institute Of Science And Technology, Bachelor Of Technology Jun 2018 - Jul 2022

- GPA: 8.89/10.0
- **Coursework:** Digital Systems Design, Microprocessors and Microcontrollers, Signals and Systems, Control Systems Engineering, Data Structures and Algorithms, Object-Oriented Programming, Software Engineering, Embedded Systems, Computer Networks, Database Management Systems, Machine Learning Fundamentals

Technical Skills

- **Frontend:** React.js, Next.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap
- **Backend:** Node.js, Express.js, REST APIs, EJS templating
- **Tools & Platforms:** Git, GitHub, VS Code, Postman, Chrome DevTools, npm, Webpack, Docker (basic)
- **Other:** API Integration (Fetch/Axios), Responsive Design, Agile/Scrum
- **Programming Languages:** Python, C, C++
- **Methodologies:** Agile, Scrum