SEDAMKARI BHAVANI KUMAR

(Full Stack MERN Developer)

- Mobile: +91 7013167289
- Email: sbhavanikumar2016@gmail.com
- LinkedIn: https://www.linkedin.com/in/bhavani-kumar-sedamkari
- GitHub: https://github.com/BhavaniKumarSedamkari
- Portfolio: https://bhavani-kumar.vercel.app

PROFESSIONAL SUMMARY

Full Stack MERN Developer with 3+ years of professional experience in designing, developing, and deploying scalable web applications. Skilled in React.js, Node.js, Express.js, and MongoDB, with proven expertise in building end-to-end solutions, REST/GraphQL API integration, and secure authentication systems (JWT, OAuth). Adept in modern frontend frameworks (React.js, Redux, Tailwind CSS, Material UI) and backend services (Express.js, Mongoose, WebSockets). Experienced in cloud deployment (Vercel, AWS), optimizing performance, and delivering high-quality, user-centric solutions.

TECHNICAL SKILLS

- **Frontend:** React.js, Redux, Context API, React Query, React Router, JavaScript (ES6+), TypeScript, HTML5, CSS3
- **Backend & APIs:** Node.js, Express.js, MongoDB (NoSQL), Mongoose, RESTful APIs, GraphQL APIs, OAuth, JWT, Express Router, WebSockets, Microservices
- **UI/UX & Styling**: Tailwind CSS, Framer Motion
- **Testing & Tools**: Jest, Postman (API testing), Git, GitHub, Vite, Webpack, Babel, ESLint
- **DevOps & Cloud:** AWS (EC2), Docker, Vercel, Netlify
- **Other:** Agile/Scrum, User Acceptance Testing (UAT) Documentation, Code reviews

WORK EXPERIENCE

Hexaware Technologies | Software Engineer (Full Stack Developer)

Chennai, India | July 2022 – Present

- Led full-stack development on critical projects including the **International Baccalaureate (IB)** platform and **TensaiGPT** (Hexaware's internal AI chatbot), collaborating with product, deployment, and QA teams to design scalable, production-grade solutions and deliver high-value features to end users.
- Architected and implemented robust frontend and backend integrations using React.js, Redux/Context API, TypeScript, Node.js, Express.js, and MongoDB; ensured smooth data flows and consistent API contracts across services.
- Designed and deployed both RESTful and GraphQL APIs with a focus on low latency, fault tolerance, and observability, improved overall system reliability through schema design, pagination, and optimized database queries.
- Integrated generative AI and real-time capabilities into TensaiGPT. Implemented secure API gateways, websocket-based real-time channels, and backend orchestration to support conversational flows and live updates.
- Hardened authentication and authorization using JWT and OAuth standards; implemented role-based access controls and secure token handling to meet enterprise security requirements.
- Modernized the frontend stack by migrating from Create React App to Vite combined with Tailwind CSS, reducing build times by 40% and improving developer experience and runtime performance.
- Applied performance best practices—lazy loading, code splitting, memoization, image optimization, SEO improvements, and PWA compliance—to deliver faster load times and better user engagement across devices.
- Championed code quality through unit and integration testing (Jest, Postman), peer code reviews, and architecture discussions; mentored junior developers on full-stack patterns, clean code, and scalable architecture principles.

CERTIFICATIONS

- Postman API Fundamentals Student Expert (Postman).
- Certified Advanced React Developer (W3Schools)

EDUCATION

Bachelor of Technology, Computer Science   2018 – 2022

Jaya Prakash Narayan College of Engineering, Mahabubnagar

Intermediate (11th & 12th)   2016 – 2018

Prathibha Junior college, Mahabubnagar