Bharathi Ranga

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SUMMARY

Software Engineer with 6+ years of experience designing and developing responsive, scalable, and high-performance web applications. Expert in React.js, Next.js, Redux, JavaScript/TypeScript, and Node.js, with hands-on experience building client-facing features, integrating APIs, and optimizing user interfaces for performance and accessibility. Proven ability to work in cross-functional Agile teams, mentor junior developers, implement test-driven development, and contribute to infrastructure improvements. Passionate about delivering high-quality digital experiences that have measurable business impact.

KEY QUALIFICATIONS

- Proficient in building scalable, responsive web applications using React.js, Next.js, and Redux, ensuring dynamic user interfaces and optimal performance across devices.
- Experienced in developing and maintaining RESTful and GraphQL APIs using Node.js and Express.js, enhancing system communication and enabling flexible data fetching.
- Expertise in working with MongoDB and MySQL, including schema design, data modeling, and optimizing complex queries for performance and scalability.
- Built rich data-driven interfaces using Ag-Grid, integrating large JSON datasets with sorting, filtering, and pagination features to enhance user interaction.
- Hands-on experience in full-stack JavaScript development, integrating frontend and backend systems for seamless and efficient application workflows.
- Skilled in implementing component-based architecture and reusable modules, improving code maintainability and development speed across projects.
- Well-versed in version control systems like Git, GitHub, and Bitbucket, with experience in collaborative Agile teams practicing CI/CD workflows.
- Developed CMS-integrated applications using Storyblok, allowing dynamic content management and rapid updates with minimal developer intervention.
- Strong knowledge of JavaScript, TypeScript, HTML, CSS, and modern design principles to create responsive and accessible user interfaces.
- Proven ability to lead UI development, conduct code reviews, mentor junior developers, and collaborate closely with cross-functional teams for end-to-end delivery.

TECHNICAL SKILLS

- **Languages & Frameworks:** JavaScript (ES6+), TypeScript, React.js, Next.js, Express.js, HTML5, CSS3, Python, Java, SQL
- **Frontend Development:** Responsive Design, Ag-Grid, Styled Components, Bootstrap, Storyblok CMS, Wireframing, Prototyping
- **Backend & APIs:** Node.js, Express.js, RESTful APIs, GraphQL, Microservices Architecture
- **Databases:** MongoDB, MySQL, PostgreSQL, Data Modeling, Query Optimization
- **DevOps & Tools:** Git, GitHub, Bitbucket, CI/CD, Docker, Jenkins, Postman, Swagger
- **Cloud & Deployment:** Netlify, Azure (basic), AWS (basic)
- **Methodologies:** Agile/Scrum, Test-Driven Development, Code Reviews, Modular Development, Component Reusability

WORK EXPERIENCE

Client: Goldman Sachs

Publicis Sapient | Web Developer | Hyderabad, India   **January 2022 – December 2024**

- Developed secure, enterprise-grade financial web applications using React.js, Redux, and JavaScript, delivering responsive, high-performance interfaces.
- Implemented reusable UI components, optimized rendering performance, and improved page load speed for data-intensive applications.
- Integrated RESTful APIs and microservices-driven backends for dynamic data fetching and real-time updates.
- Practiced test-driven development (TDD), automated testing, and CI/CD workflows, ensuring high code quality and deployment reliability.
- Mentored junior developers, conducted code reviews, contributed to team knowledge-sharing initiatives.
- Owned the development of React-based UI features, making architectural decisions around component structure, state management, and data-fetching patterns.
- Debugged and resolved UI issues across browsers and devices in collaboration with QA and product teams, ensuring reliability and usability.
- Contributed to frontend testing efforts, including unit and integration testing, to maintain long-term code quality and stability.
  Key Technologies: React.js, Next.js (App Router), Redux, Ag-Grid, TypeScript, JavaScript (ES6+), Node.js, Express.js, MongoDB, RESTful APIs, HTML5, CSS3, GitHub Actions

Infosys Limited | Technology Lead | Hyderabad, India   **July 2018 – December 2021**
Project 1: Stock Market Visualization Tool
- Built a real-time stock market application using React.js and JavaScript, implementing dynamic charts with Chart.js and integrating external APIs for live data.
- Designed modular components and responsive layouts ensuring seamless functionality across devices.
- Optimized UI responsiveness using CSS Flexbox and Grid, ensuring seamless functionality across desktop and mobile platforms.
- Deployed the application on Netlify, ensuring smooth access and performance for end users.
  Key Technologies: React.js, JavaScript (ES6+), Chart.js, HTML5, CSS3, RESTful APIs
Project 2: Product Selling Application
- Led front-end development using React.js, Next.js, Redux, and Storyblok CMS, enabling dynamic content management for eCommerce workflows.
- Designed reusable, modular components and implemented advanced state management for seamless user interactions.
- Integrated RESTful APIs, managed authentication, and maintained real-time inventory updates.
- Collaborated with UI/UX teams to create pixel-perfect, responsive, and accessible interfaces.
- Mentored junior developers and established best practices for scalable front-end architecture.
- Optimized frontend performance and SEO using Next.js server-side rendering and efficient component rendering strategies.
  Key Technologies: React.js, Next.js, Redux, Storyblok CMS, RESTful APIs, HTML5, CSS3, JavaScript (ES6+), Chart.js, Netlify

PERSONAL PROJECTS | SOFTWARE DEVELOPER | REMOTE

- Next.js SPA Portfolio: Built a Next.js SPA with server-side rendering and REST API integration. Implemented SEO best practices and responsive design.
- Expense Tracker Application: Developed React frontend with Node.js/Express backend and MongoDB storage, featuring responsive dashboards and dynamic charts.
- GraphQL Data Dashboard: Built a React interface integrating GraphQL APIs for optimized data fetching and visualization.
  Key Technologies: React.js, Next.js (App Router), Node.js, Express.js, MongoDB, GraphQL, RESTful APIs, TypeScript, JavaScript, HTML5, CSS3.

EDUCATION

- ***New Mexico State University, Las Cruces, NM***   ***2024 - 2025***
  Master's in computer science **CGPA: 3.8/4.00**
- ***Sree Vidyanikethan Engineering College, Tirupati, India***   ***2014 - 2018***
  B. Tech in Computer Science and Engineering **CGPA: 7.89/10**