

# Bharath Preetham Reddy Karnati

Full Stack Developer | Portfolio: Bharath

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## SUMMARY

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Experienced Full Stack Developer with 4 years in designing and optimizing web applications. Proficient in technologies such as React, Redux, Node.js, and RESTful APIs. Achieved a 30% increase in platform performance and scalability through advanced development practices. Capable in implementing responsive designs and ensuring accessibility compliance.

## TECHNICAL SKILLS

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- **Programming Languages:** C, Java, Python, C++, C#, TypeScript
- **Frontend Technologies & UI/UX:** HTML5, CSS, JavaScript, SASS, Bootstrap, XML, Next.js, Responsive Design, Accessibility (WCAG), Figma, Adobe XD, Wireframing, User Flows, Prototyping
- **Libraries and Frameworks:** React.js, Redux, Redux-Thunk, Redux-Saga, React Flux, React Native
- **React Concepts:** Single Page Applications (SPAs), Custom Reusable React Components, Virtual DOM, JSX, Animations, Flux Concept, One-way Data Flow
- **Backend Development:** Node.js, Express.js, NPM, Microservices, RESTful APIs, SOAP web services
- **Databases:** MySQL, MongoDB, NoSQL, Redis
- **Version Control:** Git
- **Development Tools:** Visual Studio, JIRA, Postman, Webpack, Babel
- **Cloud & Containerization:** Amazon Web Services (AWS), Microsoft Azure, Docker, Kubernetes
- **Testing:** Unit Testing(Jest, React Testing Library), Integration Testing, Test Cases Preparation, JUnit
- **Integration & Tracking:** Bug Tracking, Frontend, Backend System Integration
- **Data Formats:** JSON
- **Operating Systems:** Windows, Linux
- Object-Oriented Programming (OOPs), DOM Manipulation

## PROFESSIONAL EXPERIENCE

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Verizon

Full Stack React Developer

USA

July 2024 – Present

Technologies: React, Redux, Node.js, RESTful APIs, Microservices, Agile methodologies, Responsive Web Design, Accessibility Standards, Code Review, Unit Testing

- Enhanced web applications using React, Redux, and Node.js, achieving increase in performance and scalability for high-traffic digital platforms.
- Obtained RESTful APIs and microservices, improving data integration efficiency by 25% and enhancing application responsiveness while ensuring adherence to security best practices.
- Cooperated with cross-functional teams to deliver software solutions aligned with business goals, utilizing Agile methodologies to reduce project delivery time.
- Implemented responsive UI designs, enhancing user experience across web and mobile platforms, and meeting 100% of accessibility compliance standards.
- Conducted code reviews and unit testing, contributing reduction in production bugs and maintaining a stable application environment.

Cognizant

Full Stack Developer

India

August 2021 – January 2023

Client: ABBVIE

Technologies: React, HTML5, CSS3, JavaScript, CI/CD, RESTful APIs, Server Side Rendering (SSR)

- Developed and implemented component-based architecture using React, resulting improvement in UI development efficiency.

- Collaborated with Agile teams to refine design processes, achieving a 30% increase in task completion speed and project delivery.
- Created responsive designs with HTML5, CSS3, enhancing user experience and achieving reduction in user interface-related issues.
- Managed end-to-end deployment, streamlining the process from testing to production and reducing deployment time.
- Maintained CI/CD pipelines, automating software delivery and cutting release cycle time by 50%.

## Philips Healthcare

Full Stack Developer

India

January 2020 – June 2021

Technologies: Java, Spring Boot, Node.js, Express, MySQL, MongoDB, React, Redux, AWS, Azure

- Engineered and maintained scalable healthcare web applications with Java and Spring Boot, enhancing system efficiency and reducing user downtime.
- Created and deployed RESTful APIs and microservices using Node.js and Express, streamlining data integration and improving system interoperability by 25%.
- Architected SQL and NoSQL databases, including MySQL and MongoDB, to manage patient data, increasing query performance and ensuring data reliability.
- Led the development of intuitive user interfaces with React and Redux, boosting user satisfaction by 35% through enhanced accessibility and interactivity.
- Incorporated third-party APIs and cloud services, including AWS and Azure, expanding functionality and supporting advanced data analytics, resulting increase in actionable healthcare insights.

## Wipro GE Healthcare

Frontend Developer

India

June 2019 – December 2019

Technologies: Angular, JavaScript, D3.js, Chart.js, RESTful APIs

- Enhanced healthcare application interfaces, achieving increase in user engagement by implementing responsive designs with Angular and JavaScript.
- Improved real-time data visualization components, boosting reporting efficiency by 40% using D3.js and Chart.js.
- Integrated RESTful APIs, improving data accuracy and reducing latency across patient management systems.
- Translated UX/UI designs into interactive web features, leading reduction in user errors and increased satisfaction rates.
- Conducted front-end performance tuning, decreasing page load times by 35% and increasing overall application reliability.

## EDUCATION

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### Master of Science in Computer Science

University of Missouri Kansas City, USA

January 2023 – May 2024

### Bachelor of Technology in Computer Science & Engineering

GITAM University, India

June 2017 – April 2021

## CERTIFICATIONS

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- Completed Web Design for Everybody Capstone – University of Michigan, Coursera.
- Achieved Certificate of Completion for Web Design for Beginners: Real World Coding in HTML & CSS – Udemy.
- Obtained Certificate of Completion for JavaScript Basics for Beginners – Udemy.
- Earned Programming for Everybody (Getting Started with Python) Certificate – University of Michigan, Coursera.