

# UDAY BHASKER GANGARAJULA

## Senior Software Engineer

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## PROFESSIONAL SUMMARY

Senior Software Engineer with 7+ years of experience developing scalable enterprise applications and modern web solutions. Expertise in full-stack development using React.js, Angular, Java/Spring Boot, and cloud technologies. Proven track record of delivering complex projects in government and telecommunications sectors, with strong focus on responsive UI development and RESTful API integration.

**Core Competencies:** Frontend Development • Full-Stack Architecture • Agile Development • API Integration • Performance Optimization

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## TECHNICAL SKILLS

**Frontend Technologies:** React.js, Angular (2-12), JavaScript (ES6+), TypeScript, HTML5, CSS3, SASS/LESS, Bootstrap, Redux

**Backend Technologies:** Java 8+, Spring Boot, Spring Framework, Node.js, RESTful APIs, Microservices

**Databases:** MongoDB, MySQL, Oracle SQL, MS SQL Server

**Tools & Platforms:** Git, Jenkins, Maven, Webpack, NPM, Docker, AWS, Agile/Scrum

**Testing:** Jest, Jasmine, Karma, JUnit, Test-Driven Development (TDD)

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## PROFESSIONAL EXPERIENCE

### **Senior Software Developer | Optum Services, Inc. | Apr 2022 - Present**

*Encore Consulting Services, Inc. | Eden Prairie, MN*

**Project:** West Virginia Integrated Eligibility Provider Portal - Foster care management platform

- **Architected and developed** React.js components using modern hooks and functional programming patterns, improving code maintainability by 40%
- **Implemented state management** using Redux and Redux Saga for complex asynchronous operations, reducing API response handling errors by 60%
- **Built responsive UI components** serving 10,000+ users daily, ensuring cross-browser compatibility and mobile responsiveness
- **Integrated RESTful APIs** with React HttpClient, implementing error handling and loading states for seamless user experience
- **Collaborated with product teams** using Agile methodologies, consistently delivering features on time with 95% quality acceptance rate
- **Mentored junior developers** on React best practices and conducted code reviews to maintain high code quality standards

**Technologies:** React.js, Redux, JavaScript ES6+, HTML5, CSS3/SASS, Spring Boot, MongoDB, Jenkins, Git

### **Software Developer | Illinois Department of Corrections | Apr 2021 - Apr 2022**

*Exalttek, Inc. | Illinois*

**Project:** Offender 365 - State offender management system with reporting capabilities

- **Developed frontend interfaces** using Angular and JavaScript, serving state workers managing 50,000+ cases
- **Resolved critical production issues** by troubleshooting applications and implementing vulnerability fixes, reducing system downtime by 30%
- **Established CI/CD pipelines** for automated testing and deployment, improving deployment efficiency by 50%
- **Upgraded Angular dependencies** and implemented security patches, ensuring compliance with state security requirements

**Technologies:** Angular, JavaScript, Dynamics REST APIs, CI/CD, Git

## **Software Developer | AT&T | Mar 2019 - Mar 2021**

*Strategic Resources International Inc. | Kansas City, KS*

**Project:** VNSP - Network management system for call provisioning and carrier management

- **Designed and developed** responsive UI components using Angular 8 and React.js for complex telecommunications workflows
- **Optimized MongoDB performance** through strategic indexing and transaction management, improving query response times by 45%
- **Created reusable component libraries** including data tables, date pickers, and site selectors, reducing development time by 35%
- **Implemented client-side validation** with custom React components, improving data accuracy and user experience
- **Served as primary contact** for production support, resolving critical issues with 99% uptime maintenance

**Technologies:** Angular 8, React.js, Redux, Node.js, MongoDB, Spring Boot, ES6

## **Software Developer | AT&T | Oct 2017 - Mar 2019**

*Strategic Resources International Inc. | Middletown, NJ*

**Project:** APP-C Design Tool - ECOMP component for VNF lifecycle management

- **Architected VNF self-service onboarding tool** enabling technology owners to manage Virtual Network Functions independently
- **Resolved CORS issues** by implementing proxy services, enabling seamless cross-origin API communication
- **Developed responsive web applications** using Angular.js and Bootstrap, supporting multiple device types and browsers
- **Implemented authentication system** (AAF) and integrated existing interfaces with ECOMP controller
- **Collaborated with cross-functional teams** across multiple time zones to deliver enterprise-grade telecommunications solutions

**Technologies:** Angular.js, Bootstrap, RESTful APIs, JSON/XML, Jasmine, Karma, Git

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## **EDUCATION**

**Master of Computer Science** | University of Central Missouri | 2016

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## **KEY ACHIEVEMENTS**

- **Improved application performance** through React.js optimization and efficient state management

- **Enhanced code quality** by implementing comprehensive testing strategies and code review processes
- **Successfully delivered multiple enterprise projects** across government and telecommunications sectors
- **Led performance optimization initiatives** resulting in faster database query responses