Dinesh Somaraju

Full Stack Developer | Consultant - KPMG

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Professional Summary

Full Stack Developer with **4+ years of experience** designing, developing, and deploying **scalable web and mobile applications**. Proficient in **React, Redux Python and AWS** cloud services with a strong focus on **optimizing system performance, security, and user experience**. Experienced in delivering software solutions within **Agile environments**, with a focus on **enhancing technical collaboration** and **sharing knowledge across teams**.

Technical Skills

- **Languages & Frameworks:** NodeJS, ReactJS, React Native, Angular, TypeScript, ExpressJS, GraphQL, Redux, Python, HTML, CSS, JavaScript, jQuery, PHP, Spring Boot, C, C++, Java
- **CSS Frameworks:**   Bootstrap, Material UI, NativeBase
- **Databases:**   MySQL, MongoDB
- **Cloud & Tools:**   AWS, Git, Visual Studio Code, Postman, Robo 3T

Professional Experience

KPMG India - Consultant   *Jan 2025 – Present, Hyderabad*

- Designed and implemented an **organizational hierarchy system for 50,000+ employees** across **10 departments**, reducing **management time by 30%,** improving **workforce visibility by 40%,** and increasing **operational efficiency by 30%** through centralized dashboards.
- Collaborated with a cross-functional team to develop an **onboarding application** that streamlined and digitized the employee onboarding process, significantly reducing paperwork and **improving efficiency by 40%**.

Infosys - Specialist Programmer   *May 2024 – Dec 2024, Hyderabad*

- **Led a cross-functional team of 4 developers**, **collaborating** with **multiple stakeholders** to **gather requirements** and deliver **client-centric solutions** within **Agile sprint cycles**, ensuring **timely and high-quality releases**.
- Integrated a **real-time chat solution** with enhanced communication features, **boosting customer engagement by 30%** and **reducing customer care call volume** by improving real-time user support.
- Architected and implemented a **Spring Boot** and **Angular**-based **movie ticketing platform, cutting transaction times by 25%** and enhancing overall user satisfaction.
- **Resolved two critical security vulnerabilities**, significantly enhancing the system's overall defense architecture.

Infosys - Digital Specialist Engineer   *Aug 2021 – Apr 2024, Hyderabad*

- Enhanced **React application performance by 40%** by implementing strategic **rendering optimizations** and **reducing** redundant component **re-renders**.
- Engineered a modular **Python automation framework** for **CommerceTools REST and GraphQL APIs**, reducing **manual data setup time by 90%.**
- **Optimized AWS Lambda function** execution by **replacing multiple REST API operations with a single GraphQL request,** resulting in a **3x improvement** in system responsiveness.
- Created **unit tests** for React applications, increasing code **coverage** from **20% to 60%** and significantly reducing production-level defects.
- **Eliminated over 20 security issues** flagged by **SonarQube and Checkmarx**, improving application integrity and reducing exposure to potential threats.

Education

Anil Neerukonda Institute of Technology and Sciences (UG)   *Jul 2017 - Jun 2021, Visakhapatnam*

Bachelor of Technology - Computer Science; GPA: 8.68 / 10

Projects

- **GSecureLock:** Developed a secure credential management solution using encrypted Google Drive storage, reducing password recall errors by 70% and enhancing access speed across devices. [GitHub](#) *(Oct 2021 - Present)*
- **Security Pass**: Designed a login authentication system with advanced anti-shoulder-surfing protections requiring 16+ unique combinations for password validation. [GitHub](#) *(Nov 2019 - Dec 2019)*
- **Billing System**: Created a React-based invoice and billing application, reducing manual documentation by 80% and enhancing operational consistency. [GitHub](#) *(Feb 2021)*
- **HackTheQuarantine**: Built a hackathon management system supporting participant registration, real-time score tracking, and leaderboard updates for 100+ users. [GitHub](#) *(May 2020)*
- **TalentOnCloud**: Conceptualized and launched a collaborative social media prototype featuring post management, live event scheduling, and integrated real-time chat. [GitHub](#) *(Jul 2020)*

Certifications

- Infosys Certified Front End Web Developer - Infosys
- Infosys Certified React Professional - Infosys
- Infosys Certified NodeJS Professional - Infosys
- Infosys Certified Mongo Developer - Infosys
- Infosys Certified Python Programmer - Infosys

Awards & Achievements

- Authored and published **four** technical **articles** on software development trends and practices: https://dev.to/dinesh_somaraju.
- Developed a **feature-rich** Android application using React Native, earning **finalist** recognition in a **100+ participant** hackathon.
- **First Place**, "**Dual-a-thon**" **Application Development Competition** held in Visakhapatnam on 30 Nov 2019.
- **Winner**, CSI **Project Beta Testing** Challenge hosted by CSI at ANITS on 29 Feb 2020.
- Organized and hosted "**HackTheQuarantine**" a national hackathon at ANITS on June 8, 2020, with **500+ participants** from **50+ colleges**, featuring **10 challenges** and **25 winning teams**.
- Ranked **4187th** out of **10,716 participants** in "**Google Hashcode 2020**" (held on *20 Feb 2020*).
- Secured **Second Place** in the ANITS **Project Expo** on *07 Mar 2020*.

Leadership & Collaboration

- **Mentored junior developers** on **React, GraphQL, and secure coding principles**, enhancing code quality and maintainability.
- **Coordinated** software releases by closely working with **developers, QA engineers, and product stakeholders**.