Pradeep Reddy Baireddy

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Professional Summary

Full-stack web developer with 4+ years of professional experience building and maintaining secure web applications, backed by 8+ years of programming expertise. Proficient in React, Angular, Spring Boot, Express, core Java, Python, and other modern technologies, with integrated data management using both SQL and NoSQL databases. Well-versed in troubleshooting and optimizing systems with the ability to quickly adapt to new technologies and challenges.

Technical Skills

- **Frontend Technologies**: Angular, React, React Native, NodeJS libraries, HTML5, CSS3, SASS, Bootstrap, RXJS
- **Programming Languages**: Java, Python, TypeScript, JavaScript, C, C++
- **Backend Technologies**: Spring Boot, Express, RESTful APIs, Microservices Architecture
- **Database Management**: SQL (MySQL/ PostgreSQL), NoSQL (MongoDB), JDBC
- **DevOps & Tools**: Git/GitHub, Jenkins (CI/CD), JIRA, Akamai CDN
- **Cloud Platforms:** AWS (EC2, S3, RDS, Lambda, IAM, CloudWatch)
- **Architecture Patterns**: Microservices, Monolithic, Serverless, Event-Driven Programming
- **Additional Skills**: PowerShell scripting, Data Structures, Algorithms
- **Soft Skills**: Problem-solving, Adaptability, Schedule Management

Professional Experience

Java Full Stack Developer (React) | Indera LLC   *March 2025 – Present*

- Role includes designing and developing interactive front-end applications using **React.js**, **React Native,** integrating dynamic UI components with reusable state management (Redux/Context API).
- Building and maintaining RESTful APIs and microservices using **Java**, **Spring Boot**, and **Hibernate** for scalable server-side functionality.
- Integrating front-end and back-end systems to deliver seamless full-stack web applications, ensuring data consistency and performance.
- Implemented authentication and authorization mechanisms using Spring Security and JWT for secure user access.
- Created responsive, mobile-friendly UIs with React, HTML5, CSS3, and Tailwind/Bootstrap.
- Developed and optimized database interactions with **MySQL/PostgreSQL**, leveraging **JPA/Hibernate** for ORM.
- Performed unit and integration testing using JUnit, Mockito, and React Testing Library to ensure code reliability.
- Automated builds and deployments with Maven, Jenkins CI/CD pipelines, and Docker containers.
- Participated in Agile/Scrum ceremonies, collaborating with cross-functional teams to deliver features on time.

NodeJS Developer | Apprenticeship | Jet Blue   *March 2024 – December 2024*

- Assisted in website quality improvement initiatives by identifying UI/UX issues and implementing minor fixes to enhance user experience.
- Contributed to front-end development tasks using JavaScript, including bug fixes and small feature enhancements.
- Collaborated with a senior employee to analyze and improve site performance, gaining exposure to professional development workflows.
- Applied web development best practices to support site improvements in alignment with corporate standards.

Full Stack Developer | Infosys Limited (Clients: Ann Taylor, Loft and others)   *November 2020 - October 2022*

- Developed and maintained both the front-end and back-end of high-traffic e-commerce websites leading a team of 4 developers and overseeing daily progress through project reports and sprint updates.
- Delivered full-stack web solutions using **React, React Native, Angular**, **TypeScript**, **JavaScript**, **JSON,** and **Node.js**, building scalable applications and reduced infrastructure costs by around 20% through optimized design.
- Engineered and optimized robust backend solutions that enhanced system performance by 30%, significantly reducing end-user response times.
- Designed and developed 12+ **RESTful APIs** with **Express.js, Spring Boot, Python** to facilitate smooth communication between the front-end and back-end layers, supporting dynamic user experiences and real-time updates.

- Optimized application performance by analyzing network activity and debugging memory leaks, improving front-end responsiveness and reducing browser rendering issues, with load times shortened by 1.2–2.5 seconds.
- Leveraged RXJS within Angular applications to manage complex asynchronous data streams, improving responsiveness and reducing complexity.
- Collaborated with **UI/UX** designers to enhance user interfaces and accessibility compliance, aligning with industry standards and business requirements.
- Managed Git version control and automated **CI/CD** pipelines via Jenkins, supporting continuous integration and deployment to development, staging, and production environments.
- Leveraged collaboration tools such as **JIRA** for task tracking and **Slack** for team communication to ensure task alignment, and timely issue resolution.
- Coordinated daily meetings and weekly code reviews across offshore teams to streamline development efforts, align deliverables.

Traditional Web Developer | Infosys Limited   *December 2019 - October 2020*

- Developed and maintained dynamic web applications using **JavaScript, HTML, CSS, SASS**, and Bootstrap enhancing cross-device compatibility and improving mobile usability by 20%.
- Developed real-time UI features with **jQuery** and **AJAX**, reducing **DOM** manipulation delays by around 30% and improving user interaction speed.
- Leveraged event-driven architecture with JavaScript event listeners to streamline interactive workflows and enable dynamic content rendering.
- Implemented asynchronous programming using Promises and async/await syntax, improving API handling reliability and reducing data inconsistency by 15%.
- Integrated and consumed RESTful APIs to support scalable modules like user dashboards and search features, increasing system modularity and backend reliability.
- Conducted front-end performance optimization using techniques like lazy loading, image compression, and code minification to reduce load times, reducing page load time from 2.5 to 1 sec.
- Delivered modular, well-documented code following industry best practices, reducing onboarding time for new developers by 40%.
- Spearheaded **Agile development** cycles, including **sprint planning**, daily stand-ups, and retrospectives, contributing to a 95% on-time delivery rate across multiple releases.
- Used Akamai CDN to improve global content delivery performance, reducing page latency by 25% and increasing site scalability.

Projects

Tech Track - Windows System Metrics Monitoring Application ([Git-link](#))   *January 2024 - May 2024*

- Developed a core Java application for real-time monitoring of Windows system metrics for streamline resource tracking and simplifying system performance monitoring. Used **PowerShell scripts** to extract comprehensive data such as CPU, memory, and disk I/O usage.
- Built a scalable **Spring Boot** backend and implemented **RESTful APIs** for efficient data transmission, and integrated **SQL** databases via JDBC to ensure optimized, structured data storage and retrieval.

College data management system ([Git-link](#))   *January 2023 - March 2023*

- Designed and implemented a database management system to handle data for students and faculty, including personal details and academic records, using a **Python**-based user interface to manage entries in a **SQL** database.
- Followed an **Agile**-inspired development process, building the project incrementally over several weeks with defined weekly goals and continuous testing to enhance functionality and reliability.

Education

Master of Science in Computer Science   *January 2023 - December 2024*
Marist University, Poughkeepsie, NY

Bachelor of Engineering in Computer Science   *August 2015 – April 2019*
Osmania University, Telangana**,** India