Sinni Singla

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EDUCATION

Thapar University <div align="right">Patiala, Punjab</div>
Bachelor of Engineering in Computer Engineering - GPA: 8.46/10 <div align="right">*July 2012 – June 2016*</div>

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML5, CSS3, Python
Frameworks and Libraries: Angular, RxJs, NgXs/NgRx, Kendo UI, Material UI, Bootstrap, Lodash, WebDriverIO, Jest, jQuery
Developer Tools: Git, Docker, Visual Studio Code, Webpack, NPM
Design Patterns: SOLID, DRY, Responsive Design, UX/UI principles, Pub-Sub, Observer, State
Others: RESTful APIs, Agile/Scrum methodologies, Performance Optimization, WebSocket Communication

EXPERIENCE

Lead Software Engineer <div align="right">July 2021 – Present</div>
Deloitte <div align="right">*Hyderabad/Bengaluru/Pune, TG*</div>

- **Developed high-quality, reusable components** for a common library, enhancing customization flexibility through content projection in Angular.
- **Crafted clean and high-performance reactive streams** using **RxJs**, enabling seamless rendering of dynamic server data in the User Interface, resulting in a 25% improvement in load times.
- Reduced API calls by 20% by integrating state management libraries such as **NgXs/NgRx**.
- Implemented **WebSocket-based** communication using **SignalR** to display process completion notifications and refresh web components on demand, increasing notification delivery speed.
- Utilized HTML5 and CSS3 to create dynamic and visually appealing layouts, enhancing user engagement.
- Follow the design principles like **SOLID**, **DRY** and **KISS** when writing new or modifying the existing code.
- Spearheaded a team of developers and participated in discovery, decomposition, grooming, estimation and development of the master features following Agile Framework.
- Mentored other developers by guiding them with industry best practices and maintained coding standards by establishing a solid code review process.

Senior Software Engineer <div align="right">Feb. 2017 – July, 2021</div>
Tata Consultancy Services <div align="right">*Hyderabad, TG*</div>

- Developed multiple components, including **server-side grids, multi-select drop-downs, drawers, panels, and tabstrips**, improving the user interface and functionality.
- Integrated **Power BI reports** into Angular applications, enabling **filtering, drill-through, and auto-refresh** capabilities, which enhanced data visualization and user interaction.
- Integrated **Azure Blob Storage** to manage temporary and permanent files, improving storage efficiency and data management.
- Collaborated with designers to implement modern UI components, ensuring strict adherence to branding guidelines and achieving a consistent visual identity.
- Optimized application performance, resulting in reduction of load times through effective code splitting and lazy loading techniques.
- Implemented automated testing using **Jasmine and Karma**, enhancing code reliability and maintainability, and reducing bug incidences.
- Designed and integrated **REST APIs**, ensuring seamless data retrieval and manipulation, which improved application efficiency.
- Built reusable Angular services to manage state and handle business logic, resulting in a more maintainable and scalable codebase.
- Created custom **pipes and directives** to extend Angular's functionality, making the application more dynamic and interactive.

CERTIFICATIONS

- Microsoft Power BI Developer - PL-300
- Microsoft Azure Fundamental - AZ-900
- Microsoft Azure AI Fundamental - AI-900