

Jay Presingu

940-331-8495 | presingu.jayakishan@gmail.com | Irving, TX
[GitHub](#) | [LinkedIn](#) | [HackerRank](#)

SUMMARY:

- Strong knowledge of front-end development using HTML, CSS, and JavaScript, and experience with modern front-end frameworks like Angular 16.
- Experienced in working with databases, both relational (SQL) and NoSQL (MongoDB, Redis), ensuring efficient data storage and retrieval.
- Solid understanding of software development methodologies, including Agile (Scrum), and experience in working collaboratively in cross-functional teams.
- Skilled in version control using Git, ensuring efficient code management and collaboration with team.
- Strong debugging, problem-solving skills, enabling efficient troubleshooting, resolution of issues in Java apps.
- Continuous learner with a passion for staying updated with the latest technologies and trends in the Java ecosystem, ensuring ongoing professional growth and improvement.
- Extensive SDLC expertise & maintenance across multiple programming languages like JavaScript, Angular 16.
- Strong expertise in Angular framework, with a deep understanding of Angular concepts, including components, directives, services, and dependency injection.
- Extensive experience in building complex and scalable web applications using Angular, following best practices and architectural patterns such as MVC (Model-View-Controller) or MVVM (Model-View-ViewModel).
- Strong understanding of Angular Forms and Form Validation, implementing custom validators and handling form submissions effectively.
- Proven ability to integrate Angular applications with backend APIs, utilizing HTTP client modules and interceptors for efficient data exchange.

EDUCATION:

Master of Science in Computer Science

University: University of North Texas – Denton, TX, USA.

Duration: January 2021 - May 2022

Bachelor of Technology in Computer Science & Engineering

University: Jawaharlal Nehru Technological University, Kakinada – AP, India.

Duration: June 2014 - May 2018

TECHNICAL SKILLS:

Programming/Web Technologies: Java 11 / Java 8, HTML5, CSS3, JavaScript, TypeScript, jQuery.

Frameworks: Angular 16, Bootstrap, PrimeNG, NGINX.

Databases: MySQL, Oracle, Mongo DB, Redis.

Tools/Platforms: Git, GitLab, JIRA, Jenkins, Agile, Postman, Putty, JSON, XML, VS Code, Kubernetes, Service Mesh.

Methodologies: Agile, Scrum.

PROFESSIONAL EXPERIENCE:

Role: UI DEVELOPER - ANGULAR

Company: Shrive Solutions LLC. – Charlotte, NC.

Duration: February 2021 - Present

Responsibilities:

- Developed a comprehensive healthcare portal for WellCare, leveraging Angular 16 to build a user-friendly interface for patients, doctors, and administrators. The portal provided features such as appointment scheduling, medical records management, billing, and online communication.
- Developed and maintained responsive web applications using Angular framework, HTML, CSS, and TypeScript, ensuring optimal user experience across devices.
- Integrated RESTful APIs with Angular applications, leveraging RxJS for handling asynchronous operations and managing data streams.
- Collaborated closely with UX/UI designers to translate wireframes and mockups into functional Angular components, ensuring a seamless user interface.

- Implemented form validation and user input handling using Angular Forms, ensuring data integrity, and enhancing user interaction.
- Developed reusable Angular components, services, following best practices for code modularity & reusability.
- Optimized application performance by applying Angular performance optimization techniques, such as lazy loading, AOT (Ahead of Time) compilation, and tree shaking.
- Experience in implementing state management solutions such as NgRx or Redux for managing complex application states, ensuring predictable data flow and efficient state updates.
- Solid understanding of Angular's testing ecosystem, including writing unit tests with Jasmine and Karma, as well as end-to-end (E2E) testing with Protractor.
- Collaborated with backend developers to integrate Angular applications with backend APIs, ensuring data consistency and efficient data exchange.
- Implemented authentication and authorization in Angular applications using technologies like JWT (JSON Web Tokens) and Angular Router guards, ensuring secure access to protected routes and resources.
- Developed Angular 16 services for encapsulating business logic, data retrieval from APIs, and shared functionality across components, promoting code modularity and reusability.
- Implemented performance optimizations in Angular applications, such as lazy loading modules, code splitting, and caching strategies, to improve loading speed and reduce bandwidth usage.
- Worked with continuous integration and deployment (CI/CD) pipelines, leveraging tools like Jenkins or GitLab CI to automate build, test, and deployment processes for Angular applications.
- Utilized version control systems like Git, following Gitflow workflow for effective collaboration, management.
- Proficient in deploying and managing Angular applications in Kubernetes clusters, leveraging containerization and orchestration techniques for scalable and resilient deployments.
- Familiarity with Service Mesh technologies, such as Istio or Linkerd, to enhance communication, observability, and security between Angular applications and the backend services.
- Implemented NGINX as a reverse proxy server for Angular applications, optimizing resource utilization, improving load balancing, and enhancing caching mechanisms.

Role: FRONT END ENGINEER

Duration: July 2018 – December 2020

Company: VRK Technologies PVT. LTD. – Hyderabad, India.

- Gathered and analyzed system requirements for projects.
- Developed front-end using HTML, CSS, JSP, Servlets, JSTL, Ajax, and Struts.
- Implemented Training and Appraisal modules with Java, JSP, JavaScript, and Java Swing.
- Proficient in Angular CLI (Command Line Interface) for scaffolding and managing Angular projects, ensuring efficient development workflows.
- Implemented form validation and user input handling using Angular Forms, ensuring data integrity and enhancing user interaction.
- Collaborated closely with UX/UI designers to translate wireframes and mockups into functional Angular components, ensuring a seamless user interface.

Role: SUMMER INTERN

Duration: May 2017 – June 2017

Company: Rashtriya Ispat Nigam Limited (RINL) – Visakhapatnam, India.

- Completed internship at RINL Visakhapatnam in ERP-IT a corporate entity of Visakhapatnam Steel Plant.
- Collaborated with cross-functional teams to analyze, design, and implement solutions for seamless integration of IT systems and business processes. Contributed to enterprise resource planning software and IT infrastructure initiatives.

SKILL CERTIFICATIONS:

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| • Java (Basic) HackerRank Certificate | • JavaScript Intermediate HackerRank Certificate |
| • SQL (Basic) HackerRank Certificate | • Learn JavaScript for Web Development |
| • Python (Basic) HackerRank Certificate | • Python Essentials 1 (By Cisco) |
| • C# (Basic) HackerRank Certificate | • Introduction to Cybersecurity (By Cisco) |