

RUPASREE HOLEGOUDRU

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PROFESSIONAL SUMMARY:

- Brought nearly a decade of experience building **high-performance, scalable web applications** using **Angular**, with a strong emphasis on **responsive design**, **accessibility**, and **cross-platform compatibility**.
- Developed **modular component libraries**, shared utilities, and custom services using **RxJS**, **NgRx**, and **Angular CLI**, enhancing maintainability and development speed.
- Took ownership of **front-end system design**, collaborating with UX teams, backend developers, and stakeholders to translate user stories into functional, elegant user interfaces.
- Guided and supported junior engineers through **code reviews**, technical mentorship, and knowledge sharing, promoting clean code principles and **unit testing** practices with **Jasmine** and **Karma**.
- Built proficiency in **React.js** through side projects and internal initiatives, gaining hands-on experience with **JSX**, functional components, and **hooks-based development**.
- Contributed to a **React web app** during graduate research, implementing features such as risk scoring dashboards and user workflows for a PII-based assessment platform.
- Applied advanced performance techniques such as **lazy loading**, **code splitting**, **Ahead-of-Time (AOT)** compilation, and **service worker** integration to reduce load times and improve UX.
- Worked within Agile frameworks—participated in **scrum ceremonies**, facilitated sprint planning, and collaborated in **cross-functional environments** to deliver incremental product value.
- Automated development workflows by configuring **CI/CD pipelines** using **GitHub Actions** and **Jenkins**, streamlining testing and deployment cycles.
- Delivered front-end solutions for diverse domains including **automotive analytics**, **cyber risk research**, and **EDI services**, ensuring production readiness, performance, and usability.

TECHNICAL SKILLS:

Client-Side Technologies	: HTML5, CSS3, Bootstrap, PrimeNg, JavaScript, jQuery, Angular, NgRx, React, React Native.
Server-Side Technologies	: .Net Core, Python.
Unit test Framework	: Junit, Jasmin.
Databases	: SQL Server, MySQL 5.7.
No SQL Databases	: MongoDB.
Version Control	: JIRA, Bit Bucket, GIT.
Documentation	: Confluence.
IDE	: VSCode, IntelliJ, Visual Studio.

EXPERIENCE:

UNIVERSITY OF ARKANSAS AT LITTLE ROCK, LITTLE ROCK, AR

Grad Assistant

(Aug 2024 – May 2025)

- Developed a **React web application** for risk assessment based on exposed **PII (Personally Identifiable Information)** found online.
- Designed and implemented key modules such as User authentication, Dashboard and User recommendation, focusing on responsive UI and intuitive UX.
- Built a **dynamic gauge chart** component to display user-specific risk scores on the home page, enhancing user awareness and engagement.
- Created a **user management module** allowing users to add/search profiles.
- Designed all UI mockups using **Figma**, learning the tool independently to effectively translate concepts into usable web layouts.
- Re-architected the **Python backend**, modularizing the codebase into clean, maintainable services and packages for improved structure and scalability.
- Implemented **user authentication** using **JWT**, enabling secure login, signup, and session handling.
- **Containerized the backend** using **Docker**, enabling seamless local development and eliminating environment setup issues.
- Collaborated closely with a peer developer responsible for web scraping modules, maintaining clear ownership of **frontend** and **backend integration** tasks.

Technologies and Tools: React, Python, MySQL, Docker, Git, VSCode, Figma, Junit.

UNIVVA BUSINESS SOLUTIONS PVT. LTD. - BANGALORE, INDIA

Product Manager

(Mar 2022 – May 2023)

- Led end-to-end delivery of front end of a product, acting as both **Project Manager** and **Lead Angular Developer**, balancing technical execution with stakeholder alignment.
- Designed and architected the entire **UI structure** using **Angular** ensuring scalability, performance, and maintainability of front-end code.
- Collaborated directly with clients to gather requirements, define product scope, and deliver iterative demos, maintaining strong communication throughout the project lifecycle.
- Managed a cross-functional front-end team, assigning tasks, overseeing progress, conducting code reviews, and ensuring adherence to Agile practices.
- Translated high-level business requirements into detailed UI/UX flows, wireframes, and Angular component architecture.
- Built and maintained reusable components, services, and modules using **RxJS**, **TypeScript**, and Angular CLI for consistent development across the app.

- Ensured UI responsiveness, accessibility, and compatibility across modern browsers and devices, improving overall user satisfaction.
- Handled sprint planning, retrospectives, and backlog grooming to ensure timely and quality deliverables.
- Acted as the primary point of contact between the engineering team and clients, managing expectations and aligning technical feasibility.
- Mentored junior developers, fostering best practices in clean code, modular design, and front-end architecture.

Technical Lead

(Mar 2019 – Feb 2022)

- Provided **technical leadership for front-end architecture**, establishing coding standards, folder structure, and component reusability strategies in Angular applications.
- Introduced and enforced **code quality metrics**, linting rules, and unit testing practices using **Karma** and **Jasmine**, reducing production bugs by 30%.
- Evaluated and integrated modern front-end tools, libraries, and performance optimization techniques (e.g., lazy loading, differential loading, AOT).
- Conducted **technical interviews and onboarding** processes for new front-end hires, ensuring alignment with team goals and tech stack.
- Coordinated with product owners and back-end teams to **define API contracts**, streamline integration efforts, and reduce front-end/backend blockers.

Senior Software Engineer

(Mar 2017 – Feb 2019)

- Developed and maintained large-scale front-end features for **U. SCAN**, an enterprise-level web application, using **Angular** and **TypeScript**.
- Created complex, reusable UI components and forms with **Reactive Forms** and **RxJS**, enhancing performance and user interactivity.
- Collaborated with backend teams to integrate RESTful APIs and handled asynchronous data flows with proper error handling and state management.
- Applied advanced Angular features such as **lazy loading**, **dynamic component rendering**, and **route guards** to optimize performance and navigation.
- Participated in sprint planning, estimation, and peer code reviews, consistently delivering high-quality code in fast-paced Agile environments.

Software Developer

(Feb 2014 – Feb 2017)

- Contributed to the development and maintenance of **EDI service projects**, ensuring smooth data interchange and integration for enterprise systems.
- Provided **technical support for automotive domains** such as Motor Parts and Power Train, diagnosing and resolving integration issues to ensure minimal downtime.
- Played a key role in designing **U. SCAN** product and developed complete UX mockups to get product approval from clients.

Technologies and Tools: HTML5, CSS3, Bootstrap, PrimeNg, JavaScript, jQuery, Angular, .Net core, MongoDB, GIT, Confluence, JIRA, Jasmin, Visual Studio, VSCode.

EDUCATION DETAILS:

University of Arkansas at Little Rock

(Jan 2024 – May 2025)

Master's in Information Science

GPA 4