

# **Chandra Sekhar Neelam**

Software Engineer

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## **SUMMARY:**

Software Engineer with 5+ years of experience designing and delivering responsive, accessible web applications using Angular, TypeScript, HTML5, and CSS3, along with building scalable backend services and cloud-native solutions. Strong background in developing intuitive, user-friendly interfaces, refining UI workflows, and implementing accessibility best practices for enterprise and compliance-driven systems. Experienced in full-stack development, integrating RESTful APIs and data formats (JSON, XML), and deploying applications on cloud platforms using modern CI/CD pipelines. Proven ability to deliver reliable solutions across healthcare and financial domains in collaborative, Agile environments.

## **SKILLS:**

**Languages:** TypeScript, JavaScript, Java, Python, SQL

**Frontend Frameworks/Libraries:** Angular 10+, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap 5, jQuery

**Backend Frameworks/Libraries:** RESTful APIs, JSON, AJAX, Node.js, Express.js, Spring Boot, J2EE, Django

**UI/UX & Accessibility:** Responsive Web Design, User Interface Design, Usability & Interface Workflows, ADA Compliance, WCAG 2.x Standards, Cross-Browser Compatibility, UI Performance Optimization

**Cloud/Application Server:** AWS (CloudFront, S3, Lambda, API Gateway, Amplify), Azure (App Services, Azure DevOps, Storage Accounts, Functions)

**Database:** MongoDB, PostgreSQL, Firebase Realtime DB, DynamoDB, MySQL, SQL

**Tools:** Git, GitHub, Jenkins, Postman, Chrome DevTools, JIRA, Figma, Docker, VSCode

**Testing & Debugging:** Jasmine, Karma, Angular Unit Testing, Jest, Cypress,

**Deployment & CI/CD:** GitHub Actions, Docker, Kubernetes, Jenkins

**Methodologies:** SDLC, Agile/Scrum, Waterfall

## **EXPERIENCE:**

### **JPMorgan Chase & Co., TX | Senior Software Engineer**

**Jul 2024 – Present**

- Developed a full-stack solution using Spring Boot and Angular to aggregate real-time financial data from multiple internal and external sources, reducing data processing latency and providing interactive, user-friendly dashboards used by over 1,000 global financial analysts.
- Engineered microservices architecture with Docker, Kubernetes, Apache Kafka, and RabbitMQ to automate settlement reconciliation workflows, reducing settlement processing time from several hours to under 40 minutes per batch, improving trading desk efficiency.
- Designed and implemented over 100 RESTful and GraphQL API endpoints, secured with OAuth2, enabling integration between internal banking systems and external financial data providers, handling 300,000 API calls daily monitored by Prometheus and Grafana.
- Implemented intelligent alerting and monitoring for high-volume transaction systems using Datadog and AWS CloudWatch, reducing incident response time from hours to under 15 minutes per critical event and ensuring uninterrupted trading operations.
- Managed authentication and authorization using OAuth2 and JWT for internal and third-party integrations, protecting sensitive financial data for over 200 internal applications and 50 external integrations, ensuring compliance with corporate security policies.
- Carried out automated CI/CD pipelines with Git, Docker, Kubernetes, and automated testing frameworks, streamlining build, test, and deployment processes across development, staging, and production environments, enabling daily releases and ensuring robust system stability.
- Integrated Elasticsearch into Spring Boot services to index over 6 billion trade records, enabling fast lookups and complex queries, supporting 70,000+ user search queries daily with sub-second response times.
- Designed and enhanced responsive, component-based user interfaces using Angular and TypeScript, focusing on usability, performance, and intuitive data visualization for compliance and financial reporting dashboards.
- Collaborated with product owners and stakeholders to refine UI workflows and improve overall user experience, applying accessibility best practices (ADA/WCAG) to ensure consistent behavior across browsers and devices.

### **Hexaware Technologies | Software Engineer**

**Oct 2020 - Dec 2022**

- Spearheaded the architecture of component-based front-end solutions using Angular 10+ and TypeScript for healthcare workflows, enhancing user experience, streamlining clinician tasks, and ensuring uninterrupted access to critical patient care systems.
- Created and deployed secure, scalable RESTful APIs with Node.js and Express to support concurrent access to patient records and external EHR systems, handling over 10,000 daily requests with zero downtime over six months, ensuring seamless clinical operations.
- Implemented automated cron jobs for healthcare data aggregation, system health checks, and reporting workflows, significantly reducing manual effort and improving system reliability, collaborated closely with QA and product teams via JIRA to deliver features on schedule.
- Developed modular, interactive UI components within Angular-based applications and implemented unit test cases using Jasmine and Karma, improving code reliability and reducing UI regressions across multiple healthcare portals.
- Led a large-scale UI migration from legacy CSS to Tailwind CSS across multiple patient-facing portals, enforcing consistent design patterns, improving responsiveness, and streamlining UI maintenance across 5+ applications.
- Collaborated with business stakeholders and product owners to refine UI workflows and usability, translating healthcare compliance and operational requirements into intuitive front-end designs.
- Implemented responsive design and accessibility best practices (ADA, WCAG 2.x) across Angular applications, improving keyboard navigation, screen-reader support, and overall usability for diverse user groups.
- Established CI/CD pipelines using Docker for containerization and Terraform for infrastructure provisioning, managing deployment, testing, and monitoring of healthcare applications, reducing downtime and ensuring compliance with hospital IT policies.

### **Zensar Technologies | Software Engineer**

**Mar 2019 - Sep 2020**

- Refactored Node.js APIs and redesigned MongoDB collections for a financial transaction platform, improving transaction processing and data synchronization, enabling faster operations for finance analysts.
- Optimized Node.js backend for a financial reporting platform handling 200,000+ daily transactions by improving caching, error handling, and database queries to ensure reliable, low-latency performance.
- Migrated and enhanced legacy AngularJS modules to Angular 6+, improving UI responsiveness, accessibility, and overall usability for employee-facing financial reporting and client portfolio management dashboards used by 5,000+ users.
- Developed responsive user interfaces using Angular, HTML5, CSS3, and JavaScript, ensuring consistent behavior across browsers and devices.

- Collaborated closely with backend developers to integrate front-end components with RESTful APIs and JSON-based services supporting high-volume financial data workflows.
- Improved UI workflows and usability by refining navigation structure, form validation, and component consistency across reporting modules.
- Built comprehensive Postman test suites for RESTful APIs and integrated automated testing into CI pipelines, enabling earlier defect detection and faster release cycles.
- Actively participated in Agile ceremonies including sprint planning, backlog grooming, and retrospectives, contributing to efficient delivery of UI and backend enhancements.

## **EDUCATION:**

**Master of Science in Computer Science** | University of North Texas, Denton, Texas

**Jan 2023 -May 2024**