

Sanskar Jain

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Portfolio | GitHub | LinkedIn

Summary

Associate Software Engineer experienced in scalable web applications using Angular, TypeScript, Java, and Spring Boot. Experienced in REST APIs, Jenkins CI/CD, web accessibility, amCharts visualization, and application performance optimization.

Technical Skills

Languages: Java, JavaScript, TypeScript, HTML, CSS **Frontend:** Angular, React.js, Next.js

Backend: Spring Boot, Node.js, Express.js, REST APIs **Databases:** MongoDB, PostgreSQL

DevOps: Jenkins, SonarQube, AWS, Git, GitHub, GitLab

Engineering: Design Patterns, OOP, DSA, DBMS, LLD, Web Accessibility, WAI-ARIA

Experience

Associate Software Engineer, Intellicus Technologies

Aug 2026 – Present

- Automated client release pipeline using Jenkins, reducing release time by **80%**; added SonarQube analysis, linting, and dependency audits for package.json and Java JAR dependencies.
- Implemented Jenkins role-based access control using Azure Active Directory, managing client-team permissions and securing release workflows.
- Drove application-wide web accessibility improvements by updating ARIA/action directives for semantic roles and keyboard navigation, and refactoring custom lint rules to flag accessibility issues.
- Resolved complex amCharts overlay-label issues in Sheet components, improving data-label visibility across dynamic and overlapping chart scenarios.

Trainee, Intellicus Technologies

Jan 2026 – Jul 2026

- Owned the client-side release process for Kyvos frontend releases.
- Engineered PDF, image, and PPT exports for Summary Cards, handling dynamic content generation, pagination, complex page separation, resizing, and different card layouts.
- Implemented PDF and image exports for Kyvos Dialogs Deep Dive, supporting full-response, single-response, and individual-chart export modes with dynamically sized content.
- Optimized a widely used search component, reducing search time by **40%** while resolving erratic behavior and improving search-mode flexibility.
- Designed a reusable REST API utility for MCP Server-client communication, reducing the need for separate APIs across communication use cases.

Software Developer Intern, MadVit Solutions

Oct 2024 – Jan 2025

- Developed a full-stack Expense Tracker for business users using Next.js, Node.js, and MongoDB, implementing authentication, CRUD workflows, and dashboard views.
- Collaborated through GitHub pull requests, code reviews, and version control in a team environment.

Projects

EduZen – AI-Powered Academic Management Platform: Built an AI-driven academic platform with RBAC, analytics dashboards, automated quiz generation, scalable APIs, and real-time academic insights.

AI-Powered Healthcare Diagnosis Platform: Developed a healthcare platform for basic diagnosis and report sharing with a voice-based diagnosis agent, dashboard, and patient-doctor digital report exchange.

AgriTech Smart Farming Platform: Built a smart farming platform with crop disease prediction, IoT soil-dryness detection, farmer community features, AI chatbot, and a fine-tuned ML model using COCO-SSD.

Expense Tracker: Built a full-stack expense management application using Next.js, Node.js, and MongoDB with authentication, CRUD workflows, dashboards, and GitHub collaboration.

Education

Acropolis Institute of Technology and Research, Indore

2022 – 2026

B.Tech in Computer Science and Engineering

Kendriya Vidyalaya, Guna

2020 – 2021

Higher Secondary

Achievements

Winner – Kriyeta 4.0 National Level Hackathon | Runner-Up – Ski-Tech Innothon | Runner-Up – Kriyeta 3.0 | Second Runner-Up – BitNBuild International Hackathon

Certifications

Oracle Cloud Infrastructure Foundations | FreeCodeCamp – Data Structures and Algorithms with JavaScript