

# Amol Nagare

Full Stack Java + Angular Developer

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📍 Pune, India

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🌐 Portfolio

## SUMMARY

Accomplished Full Stack Developer with 4 years of specialized expertise in building enterprise-scale applications using **Java, Spring Boot, and Angular**. Proven track record in developing robust **microservices architecture**, designing intuitive user interfaces, and optimizing system performance. Successfully contributed to **ignio ERP** - TCS's flagship AI product, demonstrating ability to deliver high-impact solutions in agile environments. Strong proficiency in **CI/CD pipelines, Docker containerization, and PostgreSQL** database management.

## TECHNICAL SKILLS

Frontend:	Angular (Components, RxJS, ReactiveForms, etc), HTML5/CSS3/SCSS, TypeScript/JavaScript, Bootstrap, etc.
Backend:	Java, Spring Core, Spring Boot, Spring MVC, Spring Data JPA, Spring AOP, Spring Security, Microservices, etc.
Database:	PostgreSQL, MySQL, Hibernate
DevOps & Build Tools:	Docker, Jenkins, AWS DevOps, Git/GitLab, Maven, Gradle

## EXPERIENCE

### Tata Consultancy Services

Dec 2021 - Present

Full Stack Developer

Pune, India

- Spearheaded development of user-centric interfaces for **ignio ERP** using Angular, implementing modern UI/UX principles that enhanced user engagement and satisfaction
- Engineered high-performance **RESTful APIs** with Spring Boot, reducing response times by 30% through optimization and caching strategies
- Implemented **lazy loading** and code splitting techniques, achieving 40% faster initial page load times and significantly improved user experience
- Containerized application services using **Docker**, streamlining deployment processes and ensuring consistent performance across development, testing, and production environments
- Collaborated within **Agile Scrum** teams, contributing to sprint planning, code reviews, and continuous improvement initiatives that accelerated feature delivery by 25%

## KEY PROJECTS

### AIERPOps (Ignio Product – TCS Digitate)

- Working on AIERPOps, a SAP automation module of Digitate's Ignio product suite, integrating data from SAP systems like S4HANA, ECC, and CALM for monitoring and automation.
- Developed backend services using Java Spring Boot within a microservices architecture to process, filter, and manage SAP data efficiently.

- Exposed RESTful APIs to deliver processed data to Angular-based dashboards, enabling seamless real-time visualization and interaction.
- Implemented dynamic and responsive Angular dashboards, providing insights and analytics for operational decision-making.
- Contributed to microservices-based design, ensuring scalability, performance optimization, and maintainability across backend and frontend services.

## Online Clipboard



- Developed "MatrixShare", a secure online clipboard platform using Angular 16+ and Firebase, enabling sharing of text, files, images, URLs, and markdown content via unique 6-digit codes.
- Implemented multi-content type support including syntax-highlighted code editor (10+ languages), drag-and-drop file upload with 1MB limit, image preview, markdown editor, and URL validation with preview.
- Designed responsive and interactive UI with SCSS and CSS custom properties, featuring tab-based navigation, real-time countdown timers, toast notifications, and seamless mobile/desktop experience.
- Integrated Firebase Firestore for real-time backend operations with auto-expiring content, encrypted storage, self-destruct options, and optimized performance through lazy loading, memory management, and efficient file validation.

## Portfolio Website

[amol-works.vercel.app](https://amol-works.vercel.app)

- Designed and developed a responsive portfolio website using Angular, showcasing technical skills and project accomplishments with modern design principles
- Implemented mobile-first responsive design ensuring optimal viewing experience across all devices and screen sizes

## EDUCATION CERTIFICATIONS

**Savitribai Phule Pune University**  
Bachelor of Computer Engineering

**2017 - 2021**  
CGPA: 7.06/10

### Professional Certifications:

- **Google Cloud Associate Cloud Engineer** (TCS Sponsored)
- **TCS Digital Milestone** (Internal Digital Excellence Milestone)
- **Agile Foundation Certification**

## KEY ACHIEVEMENTS

- Recognized for outstanding contributions to **ignio ERP**Ops, TCS's flagship AI product, enhancing core functionality and user experience
- Successfully cleared TCS's rigorous internal digital certification with hands-on coding assessment, demonstrating technical excellence

- Accelerated feature delivery by 25% through effective Agile practices and continuous process improvement initiatives