

Full Stack Developer with over **10 years** of expertise in **MEAN** stack development. Possessing **6+ years** of proficiency in **Angular, HTML, JavaScript and SCSS**, coupled with a strong foundation in **MongoDB, Node.js, NestJs, and GraphQL**. Extensive experience spanning over 4+ years in data visualization using **D3.js**, enhancing user interfaces and data presentation. Adept in **Agile** methodologies, with over 4 years of experience as a **Scrum Master**.



PROFESSIONAL EXPERIENCE



Company: EY, India (Oct 2022 – Present)

Role: Senior Software Engr. | **Team Size:** 10 | **Location:** Bangalore | **Duration:** Oct’2022 – Present

- ◆ Pioneered the implementation of NX monorepo architecture, revolutionizing code organization by consolidating multiple Angular 14 projects and NestJs applications into a unified repository.
- ◆ Introduced and implemented a CODEOWNERS system in Git for streamlined code review processes, fostering accountability and ensuring effective collaboration among team members for specific sections of the codebase.
- ◆ Extensive expertise in Jest and Jasmine for comprehensive unit testing, ensuring robust and reliable code quality and functionality.
- ◆ Demonstrated expertise in complex bug fixes, application error rate management, improving performance issues in UI by analyzing Chrome's performance report and accessibility issues.



Company: CAPITA (Jan 2021 – Oct 2022)

Role: Senior Software Developer | **Team Size:** 6 | **Location:** Pune | **Duration:** Jan’21 – Oct’22

- ◆ Led Angular 10 development for Merchant Onboarding Platform, emphasizing Angular Material, responsive design, and accessibility.
- ◆ Implemented efficient state management using NGRX, enhancing application scalability and performance.
- ◆ Conducted thorough unit testing with Jasmine and Karma, achieving high code coverage and ensuring robust code quality.
- ◆ Led Scrum management processes with Jira, ensuring effective project tracking, collaboration, and delivery.
- ◆ Worked as an individual contributor, handling tasks from requirement analysis to production deployment.
- ◆ Trained and mentored new recruits.



Company: TATA Consultancy Services (Dec 2012 – Jan 2021)

Role: IT Analyst | **Team Size:** 8 | **Location:** PARIS | **Duration:** Jun’17 – May’20 | **Client:** Nielsen

- ◆ Designed and implemented a custom charting library using D3.js for advanced data visualization, enhancing user insights and experiences.
- ◆ Resolved production issues, raised by clients.
- ◆ Responsible for requirement and impact analysis.
- ◆ Coordinated with offshore team for daily client report on pending deliverables and issues.



Role: System Engineer | **Team Size:** 6 | **Location:** Pune | **Duration:** May’13 – Jun’17

- ◆ Revamped legacy interface with modern CSS designs, enhancing user experience and aligning with current industry standards.
- ◆ Implemented dynamic, animated charts using D3.js across 15 webpages, resulting in enhanced data visualization and improved user engagement by 40%
- ◆ Developed web pages using JavaScript, implementing business logic using Angular.
- ◆ Provided KT to new joiners.



AWARDS AND RECOGNITION

- ◆ Received multiple quarterly Excellence-In-Action awards at EY for quick and outstanding work in application deliverables including building application from scratch to go-live.
- ◆ Received employee appreciation award at TCS for being able to understand and manage multiple applications in few months after joining.
- ◆ Awarded twice with “On-the-Spot” award for delivering critical tasks in limited time.
- ◆ Recipient of STAR OF THE YEAR award for exceptional performance, recognized for two consecutive years, demonstrating outstanding dedication and contribution.

CERTIFICATIONS

- ◆ Certified Microsoft Azure Developer Associate (AZ-204)
- ◆ Certified Azure Fundamentals (AZ-900)
- ◆ Apollo Graph Professional Certification
- ◆ The Complete Angular Course: Beginner to Advanced (Udemy)

PORTFOLIO & PROJECTS

- ◆ **Portfolio:** <https://swapnil-portfolio-ng.vercel.app/>
- ◆ **GITHUB:** <https://github.com/swapniltech0390>
- ◆ **NPM NX-CODEOWNERS:** <https://www.npmjs.com/package/@swapniltech0390/nx-codeowners>
- ◆ **Data Visualization with D3.js:** <https://app-data-viz-library.vercel.app/>

TECHNOLOGY STACK

- Backend**
 - NestJs, NodeJS, GraphQL, ExpressJs
- UI**
 - Angular 16, D3.js, Micro-frontends
- Unit Testing**
 - Jest, Jasmine, Karma
- CSS**
 - Bootstrap, Angular Material
- NoSQL**
 - Mongo DB
- Tools**
 - Postman, VS Code
- DEVOPS**
 - Jenkins, SonarQube, GitHub, Monorepo

BUG/ISSUE MANAGEMENT

JIRA

OS

Windows 10

EDUCATION

B.E. in Electronics and Communication (2012) from TIEIT (affiliated to RGPV), Bhopal, Madhya Pradesh

PERSONAL INFO

Date of Birth:	29 th Mar’90
Address:	Horamavu, Bangalore-560016
Nationality:	Indian
Languages known:	English, Hindi