Hardik Patel

+91 972-500-8409 | hardikpatel043@yahoo.com | linkedin.com/in/hardikpatel043 | github.com/hardikpatel043

EXPERIENCE

Senior Software Engineer/ Technical Lead   November 2015 – Present
Schlumberger   *Pune, India*

- Lead front-end development team, manage daily operations, contribute to design, development, testing, and code review
- Developed highly complex workflows in the Oil & Gas domain includes data grid, map, filters, configurable UI components using reactive programming
- Designed and developed **micro front-end architecture** using Webpack **Module Federation** and nx workspace which enabled flexibility, testability, and velocity
- Engineered a robust role management system for multi-subscription platforms, overseeing permissions, roles, and subscriptions, with a focus on Angular UI design and detailed **Low Level design** of API.
- Developed a seamless workflow to download multiple files, instantly zip them on Azure storage, and stream the zip file to the browser for immediate download
- Built reusable Angular UI libraries (widget) having domain specific workflow (open sourced inside Schlumberger) consumed by multiple web applications under DELFI platform.
- Designed and implemented a testing pyramid for automation testing. Achieved 98% of code coverage using Unit testing (Jest) and e2e testing (puppeteer) and integrated with CICD
- Collaborated with the INT team and developed a well-log viewer and unity 3d viewer using INT Geotoolkit which was highly appreciated by business, and also received a Reward of Excellence.
- Delivered center-level presentations on 'Cookies in Web Development' 'Exposing Angular Library using Module Federation' and 'Efficient Use of NX Monorepo'
- **Mentored interns and freshers** in the 2 month bootstrap program. Provided technical as well as functional guidance and support, helping them to develop foundational skills and integrate effectively into the development team.
- Organized and led a **center-level coding hackathon** Spardha, for 100+ participants, including presenting the event concept, preparing code templates in Python and Node

Software Engineer   July 2011 – November 2015
Thomson Reuters   *Ahmedabad, India*

- Key member of core conversion team involved in migration of TaxSimple(Professional tax preparation software) from Silverlight to HTML5 and AngularJS. It also includes requirement analysis and clarifications with the Client/Onsite.
- Developed Editable, Interactive and user-friendly workflows of AgileTax(taxation based web application for USA) using HTML, CSS, Bootstrap, AngularJS.

TECHNICAL SKILLS

Languages: **JavaScript (Expert)** , TypeScript, HTML, CSS, Python
Frameworks: **Angular (Expert)**, NgRx, Jest, Protactor, Jasmine, Akita
Developer Tools: Git, Azure DevOps, AWS, Sonar, Google Cloud Platform, VS Code, Visual Studio, PyCharm
UI Components: Google Map, Infragistics, Kendo UI, Angular Material, Google Analytics, AG-Grid, INT geo-toolkit
Databases: MongoDB, Firebase, SQL
Experience in Agile Development, Technical Mentoring, Recruitment.

CERTIFICATES

Microsoft Certified: Azure Fundamentals (05/2021 - Present)
Certified ScrumMaster® (CSM®) (06/2017 - 06/2019)

EDUCATION

Sardar Patel University   Gujarat, India
Bachelor of Engineering in Computer Science   *June 2007 – June 2011*