

Sejal Purohit

Manchester, UK

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Technical Skills

Languages: JavaScript, TypeScript, HTML, CSS, MySQL, Python, Bash/Scripting, JSX, YAML

Front-End: Angular (v17, v16 v11, v9), React, Angular Material (Angular UI Framework)

Backend: NodeJS

Developer Tools: GitHub, GitLab, Source Tree, Bit Bucket, Postman, Chrome, Dev Tools, Swagger, Invision

Testing Framework: Jasmine, Karma

Libraries & Frameworks: RxJS, NgRx, AG-Grid, Leaflet, Bootstrap, Tailwind CSS

Others: Agile (Scrum) methodology, AWS cloud technologies

Learning

- Exploring **the latest version of Angular** and engaging in hands-on practice through examples.
- **NodeJS (Backend), React, Redux, Jest**
- Currently learning to create a website using React, Redux, Tailwind CSS, and Jest as part of a bootcamp tutorial.
- Enthusiastic about expanding expertise in backend technologies as well.

Work Experience

Relocation and Transition Period

June 2024 - March -2025 | Manchester, UK

Took a career break for relocation and personal reasons, during which I remained engaged with the industry through self-study, upskilling, and hands-on projects.

Tata Consultancy Services

Hyderabad, India

Software Engineer

Project: **Bank of America**

Tech Stack: Angular(v16), Angular Material (Angular UI Framework), RxJS, NgRx, AG-Grid, Karma, Jasmine, Typescript, ES6, HTML/CSS, Bootstrap, Invision

- Contributed to the development of a cutting-edge banking system, enhancing deal functionality by implementing new features and improving performance, leading to a ~60% increase in efficiency.
- Integrated new modules using AG-Grid and Angular Material (Angular UI Framework) to enhance UI responsiveness and improve user experience.
- Integrated and refined API calls, minimizing latency to improve system performance and responsiveness.
- Optimized asynchronous API calls and data streams using RxJS while collaborating with cross-functional teams to design and implement new features.
- Debugging and troubleshooting issues to ensure seamless functionality.

Project: **Bayer: Horti-View**

Tech Stack: Angular (v11.2), Leaflet, Typescript, NodeJS, Java Script, HTML/CSS, Bootstrap, Angular Material (Angular UI Framework, RxJS, NgRx, Karma, Jasmine

- Horti-view is a farm management application to empower farmers by seamlessly merging financial and field-level records.
- Integrated APIs to enhance system functionality and improved user experience by reducing overhead API calls, increasing efficiency by 40x.
- Developed new features and responsive UI, incorporating graphical components for enhanced data visualization and user interaction.
- Integrated unit tests using Jasmine and Karma to enhance code quality, reliability, and maintainability.
- Fixed bugs and effectively modified the existing codebase to enhance functionality and performance.

Atmecs Technologies Ltd

Hyderabad, India

Associate Software Engineer

Project: **Entertainment Partners**

Tech Stack: Angular(v9), Typescript, Java Script, HTML/CSS, Bootstrap, YAML, Salesforce

- EP Smart-Start is a paperless approach for production management solutions in the Entertainment Industry.
- Enhanced an existing Angular project by implementing features from scratch.
- Updating existing features and fixing Bugs reported by QA.
- Customizing the Software for ~7 different clients using JavaScript and configurable YAML files.
- Led client communication and product delivery while managing client tickets in Salesforce to ensure efficient issue resolution.

Graduate Engineer

Project: **Convey Health Solution (Hydra)**

Tech Stack: Java, JavaScript, Automation Testing, API Testing Selenium, Postman, Swagger

- Hydra supports government-sponsored health plans by offering custom member management technology, member enrolment, billing, and grievance resolution.
- Designed and implemented test scripts for API automation using Java.
- Authored and executed test cases in alignment with BRD using MTM, and facilitated issue reporting to clients through JIRA.

Education

Postgraduation-Diploma in *System software Development*

Aug 2018- Feb 2019

Bachelor of Technology (B. Tech) – *Computer Science & Engineering*

July 2013 - June 2017