

Sejal Purohit

Junior Software Developer

[GitHub](#) | [Portfolio](#) | [LinkedIn](#)
07901 599 610 | sejalpurohit3195@gmail.com | Manchester

Personal Statement

Software Engineer with a strong foundation in **JavaScript** and experience across multiple domains, including **Banking, Agriculture, and Entertainment**. Passionate about problem-solving with best Practices. Joined **Northcoders** to sharpen **full-stack development skills** through hands-on projects and real-world feedback. Focused on writing **clean, reliable code**, bringing **a sense of adaptability** and **ownership** to every team

Technical Skills

Languages: JavaScript, TypeScript, using [Node.js](#) and the browser as an environment

Front-End: React, Angular (v17, v16 v11, v9), HTML, CSS, YAML

Back-End: SQL, Postgres

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

Testing: Test Driven Development (TDD), Jest, Karma & Jasmine

Libraries & Frameworks: RxJS, NgRx, AG-Grid, Leaflet, Bootstrap, Tailwind CSS, Angular Material & Material UI (UI-Framework)

Others: Agile and Scrum methodology, Technical Documentation, SDL

Projects

Backend Project | NC News Server | Northcoders

[Readme](#)

- Developed a **RESTful backend API** server for a social media-style application that allows users to read/post articles, comment, and vote
- Designed and implemented using **Node.js, ExpressServer, JavaScript** and **PostgreSQL**
- Supported complete **CRUD operations** (GET, POST, PATCH, DELETE), with endpoints enabling **sorting** and **filtering** based on user preferences
- Followed **Test-Driven Development** principles and implemented unit tests to cover edge cases

Frontend Project | NC News User Interface | Northcoders

[Readme](#)

- Created a UI for a social media-style application where users can browse, publish, and engage with articles through comments and voting features across multiple topics
- Designed and implemented using **React, JavaScript, JSX and HTML** and **styled with CSS**
- Utilised **RESTful APIs** to fetch and display dynamic data and added features using backend endpoints
- Integrated **React Router** to manage navigation across multiple views and API endpoints

Experience

Trainee Software Engineer | Northcoders | Manchester | Sep 2025 - Dec 2025

- Developed a strong foundation in core programming principles at **Northcoders**, including **Test-Driven Development, pair programming**, and both **object-oriented** and **functional programming paradigms**
- During the **Backend module**, built servers with **Node.js** and **Express**, designed and tested **RESTful APIs**, worked with **PostgreSQL** databases, and implemented the **MVC architecture**
- During the **Frontend module**, gained hands-on experience with **React**, focusing on **DOM manipulation, semantic HTML**, and **responsive CSS** to create clean, user-friendly interfaces

Work Experience

Software Engineer | Tata Consultancy Services | India | Oct 2022 - Oct 2024

- Worked on projects for **Bank of America (BOA)** and **Bayer (Horti-View)**
- Contributed to creating a banking tool, improving its performance and increasing efficiency by about 20%
- Implemented components using **AG-Grid** and **Angular Material**, improving UI responsiveness and user experience
- Added **Graphical Components** and **Interactive Maps** to enhance data visualisation
- Integrated and optimised **API Calls**, reducing latency and improving overall system performance
- Collaborated with cross-functional teams on feature design and implementation
- Debugging and troubleshooting issues in the existing codebase

Trainee Software Engineer | Atmecs Technologies | India | Feb 2019 - Sep 2022

- Worked on projects for **Entertainment Partners (EP)** and **Common Health Solutions**.
- Updated and enhanced existing features in an Angular-based project and customised the Software for multiple clients using JavaScript and configurable YAML files
- Resolved bugs reported by the QA team, ensuring application stability and a seamless user experience
- Led client communication and product delivery while managing client tickets in Salesforce to ensure efficient issue resolution
- Developed the test scripts for API automation using Java
- Collaborated in writing and executing Test Cases as per the BRD using MTM
- Managed reporting of the issues to clients using JIRA

Education

Postgraduation-Diploma | Centre for Development of Advanced Computing | India

Aug 2018 - Feb 2019

- **System Software Development** course covering System Architecture & Design, Programming Fundamentals in both object-oriented and functional programming

Bachelor of Technology (B. Tech) | Rajasthan Technical University | India

Jul 2013 - Jun 2017

- **Computer Science and Engineering** course includes the theory of computer science with the practical application of hardware, software, programming and networking
- It focuses on the design, development, and management of computer hardware and software systems

Languages

- English
- Hindi

Interests

- Editing videos for a 100K+ subscriber YouTube channel, adding relevant images, on-screen lyrics, and transitions to enhance viewer engagement and video quality
- Keen on reading, self-learning, and exploring diverse subjects through books