

MANITA GUPTA

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📍 Altrincham, Manchester, UK

A Software Developer with experience in full-stack web development, I intend to build my career with leading corporate of hi-tech environments with committed and dedicated people which encourages my creativity and offers an opportunity to learn and develop both in professional and personal life. Northcoders gave me the opportunity to re-skill my knowledge gained during my bachelor's degree in Computer Science Engineering.

Skills:

- **Programming Language:** JavaScript
 - **Front End:** HTML, CSS, JavaScript, React
 - **Back End:** Node.js, Express
 - **Database:** PostgreSQL
 - **Hosting:** Heroku, GitHub pages, Netlify
 - **Testing:** Jest, Supertests
 - **Others:** Agile Fundamentals (Trello for Kanban), Pair Programming, Test-Driven Development
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Coding Bootcamp at Northcoders

Manchester UK: May-2022 – Aug-2022

Samachar News

Frontend:

A social news aggregation, web content rating and discussion website. Built on **React** for frontend using HTML and styled using CSS and uses 'axios' to make the HTTP calls.

Frontend Hosting

Hosted the frontend project using Netlify.

Hosted App link - <https://samachar-news.netlify.app>

GitHub link - <https://github.com/manitagupta15/samacharnews-fe>

Backend:

Built to access the application data programmatically using **PostgreSQL** and **JavaScript**. Built the **RESTful API endpoints** using MVC pattern. Tested the code using **Jest** and **Supertests** to write the tests and simulate server calls for different HTTP calls. Used **Insomnia** for Testing and Validating results of the RESTful APIs. Used NPM's **nodemon** to keep the server open while building the backend. Used application level middleware **express.json()** to enable requests from external sources.

Backend Hosting

Hosted the backend project on Heroku using Heroku Postgres.

Hosted API link - <https://nc-news-samachara.herokuapp.com/api>

GitHub link - <https://github.com/manitagupta15/samacharNews>

Fun-Pokémon-Battler

A gaming program using **JavaScript** classes to make Pokémon. The base class was extended to create 3 further classes forming specific types of Pokémon. It uses 'inquirer' to make the program interactive. Experience in Pair Programming.

GitHub link - <https://github.com/manitagupta15/pokemon-battler>

Nought & Crosses Game

It is a Gaming Program. It is created using JavaScript HTML DOM.

Game link - <https://manitagupta15.github.io/Noughts-and-Crosses>

GitHub link - <https://github.com/manitagupta15/naught-and-crosses>

Marketplace

A buying and selling App, built on React using HTML and styled using CSS, uses 'axios' to make the HTTP calls.

Game link - <https://marketplace-manita.netlify.app>

GitHub link - <https://github.com/manitagupta15/MarketPlace-FrontEnd>

Fun-Hometown

A website about a place in India, called Sriganaganagar, coded in HTML and CSS.

Website is functional at different screen sizes. It employs good practices for those using alternative means to access the website, i.e., screen readers. It uses flexbox layout models that specify sizes and positions with CSS. It uses media queries that allow styling to be applied at specific ranges of screen sizes, giving extra control over where we position things and how we size elements and typefaces on different sized devices. It also uses relative units when we specify sizes and positions with CSS.

Website link - <https://manitagupta15.github.io/fun-home-town/>

GitHub link - <https://github.com/manitagupta15/fun-home-town>

Past Experiences

Back to Garden Childcare

May 2021 – April 2022

Working as full-time Childcare Practitioner

Infosys Technology Limited

Nov 2006 – Feb 2008

Worked as a Software Engineer in Infosys Technology Ltd, Pune - India.

School Volunteer

Jan 2018 - Sep 2019

Volunteered for Netball practice at Brooklands Primary School (DBS checked).

Volunteered various School Trips.

Certified ABACUS Teacher at ICMAS

Feb 2015 – Aug 2017

Worked as an ABACUS Course Instructor affiliated by ICMAS.

Taught children 'Mental Mathematics' from the age of 6.

Educational Background

- 2006: **Bachelor of Computer science and Engineering**, Rajasthan University, India.
- Languages: Fluent English, Hindi and Punjabi