# AMNIPRIYA SOWRIRAJAN

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https://amnipriyaportfolio.vercel.app/

## HIGHLIGHTS OF QUALIFICATIONS

- 2 years' experience working as a Full Stack Developer
- Master of Engineering, System Engineering and Operation Research
- Bachelor of Engineering, Computer Science
- Skilled in **Backend Development:** PHP, Laravel, PostgreSQL, MySQL, Node JS
- Experienced in **Frontend Development:** React JS, Redux, JavaScript, Bootstrap, HTML, CSS, jQuery, Ajax, API, Tailwind CSS

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## WORK EXPERIENCE

**Full Stack Developer**
National Informatics Center, Chennai, India
April 2021- June 2023

*Project 1: Election Projects*

*(https://tnsec.tn.nic.in/)*

- Worked on a database of voters by region used to analyze voter percentages and fake votes using **core PHP and Postgres SQL**
- Created the voter slip for each voter that will be their primary voting identifier.

*Project 2: Jal Jeevan Mission for water safety*

*(https://jjm.tn.gov.in/)*

- Created stored procedures for the entire project using **Postgres SQL**.
- Created forms and reports to maintain all records to prevent funding misuse using **PHP**.
- Collaborated with clients to create efficient and easy-to-use website layouts using **JavaScript, HTML, CSS, Ajax, and jQuery**.
- Designed and implemented Scalable **APIs** for the project such as graphs and charts for enhanced user experience.

**Programming Tutor**
A.R.M College of Engineering, Chennai, India
June 2018- December 2020

- Tutored for practical labs on web development using **HTML, CSS, and JavaScript.**
- Helped students learn the fundamentals of Database Management through **MySQL.**

## EDUCATION

**Master of Engineering, System Engineering and Operation Research,** August 2016 – May 2018
Anna University, College of Engineering, Chennai, India

**Bachelor of Engineering, Computer Science,** August 2012 – July 2016
*Gojan School of Business and Technology,* Chennai, India

## PERSONAL PROJECTS

*Project 1:* Chat Website

*https://github.com/amnipriyasowrirajan/chatappproject/tree/master*

  - Led Laravel authorization setup, managing middleware, gates, and policies. Proficient in **Docker**, and deployed **Linux** servers in virtualized environments.

*Project 2:* E-commerce Website

*https://github.com/amnipriyasowrirajan/Ecommerceproject/tree/master*

  - Enhanced web app functionality with interactive UIs using **JavaScript, HTML, jQuery, Bootstrap,** and **CSS**.
  - Successfully generated back-end programming using **Laravel and MySQL**.
  - Built e-commerce sites with **Stripe and PayPal.**

*Project 3:* Modern Kitchen with UI and UX

**https://modern-kitchen-ui-ux.vercel.app/**

https://github.com/amnipriyasowrirajan/modern_kitchen_ui_ux

  - Designed an immersive and user-friendly virtual kitchen experience using **React JS**.
  - Implemented responsive **UI**, and interactive features for an engaging user experience.

*Project 3:* Food Ordering App

https://github.com/amnipriyasowrirajan/foodiepalapp

  - Created a high-performing food ordering app with **React**, **Parcel**, and Swiggy **API** integration.
  - Advanced features like HMR, caching, and lazy loading enhance user experience.
  - Utilized **React Hooks, Redux Toolkit**, and **Jest** for robust state management and testing.
  - **Tailwind CSS** ensures a visually appealing and responsive design.