Amnipriya Sowrirajan

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SKILLS

BACKEND DEVELOPMENT / PHP, Laravel, PostgreSQL, MySQL

FRONT END DEVELOPMENT / React JS, JavaScript, Bootstrap, HTML, CSS, jQuery, Ajax API

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, 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, JS**
- Helped students learn the fundamentals of Database Management through **MySQL**

PERSONAL PROJECTS

Project 1: Chat Website
https://github.com/amnipriyasowrirajan/chatapp project/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://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.

EDUCATION

Master of Engineering, System Engineering and Ops Research, August 2016 – May 2018
Anna University, College of Engineering, Chennai, India
CGPA: 7.35/10

Bachelor of Engineering, Computer Science,
August 2012 – July 2016
Gojan School of Business and Technology,
Chennai, India
CGPA: 7.05