# Alan Arimpur Raju

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Portfolio Website

## WORK EXPERIENCE

**Cognizant**                                                                                                    **Bangalore**
*Programmer Analyst*                                                                                   *2022 – Present*

- Enhanced team productivity by creating and implementing automation scripts in Bash and Python, resulting in a streamlined workflow.
- Designed and developed user-friendly tools with HTML, CSS, and JavaScript, featuring an appealing UI. These innovations led to a remarkable 80% reduction in manual tasks, significantly enhancing overall productivity.
- Leveraged Dell EMC Avamar and Networker EMC to proactively manage server backups and efficiently troubleshoot any potential malfunctions.
- Collaboratively achieved a 40% reduction in incidents through effective teamwork and analytical problem-solving skills.
- Proficiently managed systems operating on diverse platforms, including Linux, Unix, Windows, AIX, and Data Domain OS.
- Proactively engage with customers, providing valuable solutions to mitigate server failures and enhance system reliability.

**Cognizant**                                                                                                    **Bangalore**
*Programmer Analyst Trainee*                                                                            *2021 - 2022*

- Developed a comprehensive bookstore web application with a contemporary UI using the MERN Stack, incorporating essential features such as user registration, login, book-saving functionality, and a RESTful API for seamless data access.
- Designed and developed a user-friendly hospital patient management web application, prioritizing ease of use and accessibility.
- Mentored fellow colleagues in HTML, CSS, JavaScript, ReactJS, and NodeJS, fostering their growth and proficiency in these essential web development technologies.

## PROJECTS

### Matrix Matter
- A health and fitness blog powered using Wordpress.
- Handled the web-domain registration, web-hosting, SEO, Google Analytics and content writing.
- Implemented some extra PHP code to fine tune the website.

### Proxima Books
- Designed a user-friendly front-end using ReactJS.
- Built a tool in Python that scrapes a website to generate a JSON based book database that would be served to the front end.

### WORDLE Game
- Built the entire wordle game from scratch using MERN Stack.
- Uploaded as a tutorial for my YouTube Channel.

### Windows Login Phishing Page
- Crafted a replica of the windows login page using HTML, CSS and JavaScript.
- Developed a program with Python to host the site on a local network so that when a victim enters their credentials, the attacker would get that data.
- Built this project for cybersecurity awareness month.

### PrintKit
- Built a Python package to prettify outputs in the command line.
- Uploaded to the PIP package installer.

### GTA Online Tool
- Developed a program in C++ to speed up loading times in GTA5 Online.

## EDUCATION

**Amrita Vishwa Vidhyapeetham**                                                          **Bangalore, India**
*B.tech in Electronics and Communications Engineering*          *Graduation Date: June 2021*

## AWARDS & EXTRACURRICULAR

- Secretary of FORGE Club (Graphics Design Club)
- A member of the Youth Leadership Program by Toastmasters.
- Trinity College London certified for Drums.
- Hacking/Penetration testing challenges in HackTheBox.
- Programming based YouTube Channel.