Ayush Mukherjee

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Passionate and inquisitive software engineering candidate with interests in microservices and virtualization looking to further develop skills through an internship.

EDUCATION

Vellore Institute Of Technology, Bhopal – B. Tech. Computer Science & Engineering

JULY 2018 - MAY 2022 (Expected)

➔ Currently in third year

COMPLETED PROJECTS

2VEDC – Nasscom's Design4India 2018 Finalist Submission
➔ Vedic Math learning using custom algorithms to provide a simulation of the vedic algorithm being shown.
➔ PHP 7, Laravel 5.5, JS/ES2015, HTML, CSS, Bootstrap 4.

CPGC – Cross Platform Git Client
➔ Created for teaching Git essentials and providing information in a consolidated manner.
➔ NodeJS, Electron, HTML/CSS.

Spreadsheet Processing Using Python
➔ Created for a professor to ease marking quizzes(fill in the blanks google form) by checking with multiple different plausible answers for each question supplied in a separate spreadsheet.
➔ Python 3.

Dotfiles
➔ Linux desktop dotfiles synced for easy setup on new devices/fresh installation.

AMOS – basic x86 OS written from scratch

➔ Created for learning the most basic operations and checks an Operating System may perform during the boot process.
➔ C/98 with NASM style assembly.

LTE simulation using Network Simulator 3
➔ Created as part of learning more about LTE cellular networks.
➔ C++

SKILLS

Full Stack Web Developer and Designer

Docker

Linux SysAdmin + Networking

Professional Audio Editing & Creation

Microsoft Office Suite

C/98, C++/11, Python3, NodeJS, Java

INTERESTS

Automation

Virtualization

Embedded Systems

Gaming

LANGUAGES

English, Hindi, Bengali.

CyQuest Website

➜ Website for CyQuest 2019 – Advitya event.
➜ Vue 3, SASS

EXPERIENCE

APL Esports – Website, Hosting, Custom Internal Apps

MARCH 2020 - Present

APL Esports is the premier tournament organizer for the SEA region for the game Rocket League with their latest addition being sponsored by Psyonix, the game's developer, for a grand total of $45,500.

➜ Designed and developed website for their new branding
➜ Developed a custom CMS solution for management of various data and website content.
➜ Manage a streaming setup for multiple language casting streams.
➜ Custom internal apps for creating, displaying, and managing the data displayed during their streams.
➜ Moderation for their discord server.

Reeborn Ltd. – Website, Backend Infrastructure, Mobile App

MAY 2019 - JUNE 2019

Reeborn's motto is to provide quality appliance repair to common households through qualified technicians and an easy to book experience through their mobile app.

➜ Develop private APIs for usage with Mobile App.
➜ Mobile App made with Capacitor/Ionic and Vue 3.
➜ Integration with payments portal to provide cashless payments to the customers.

RL India Community – Website + Graphics Templates

JUNE 2018 - AUGUST 2018

RL India is a community based organization primarily hosting tournaments in the SEA region for the game Rocket League. Their strengths include but are not limited to being the largest community of the game in this region.

➜ Design and develop website.
➜ Provide templates for posters and/or other media.

AWARDS

First Place – Web Innovation, Advitya 2019

MARCH 2019

Competition required to copy a complex layout in under 10 minutes using just HTML and CSS for the first round. Second round required to add accessibility features within half the amount of time to the previous layout and improve the overall design language.