Vinayak Jaiswal

OS Portfolio

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Work Experience

Kyndryl (Previously IBM India Pvt. Ltd) – Associate Developer   (9/2020 – Present)

- **Current Project:**
  - Owning TC&IS labs website development project starting from website layout designing to its development, testing and presentation to leadership.
  - Currently building the webpages for the same.
  - Current technologies used: HTML5, CSS, Bootstrap, Vanilla-Js, GSAP.

- **Previous Project:**
  - Independently made a web portal to work on VSRX router that previously required people to login via gateway.
  - Used Paramiko Module to connect to VSRX and developed a Python script to perform the tasks.
  - Used the script to create a multipage web portal to provision, de-provision and check Internet Access.
  - Implemented a cost reducing mechanism - Alternate authentication and data-logging process to eliminate need of database and hence avoid additional costs.
- Also Working with Internal Lab team to provision VMs and accounts on ActiveDirectory.

Skills

- **Programming:**   C++, Java(core), Python.
- **Web Development:**   React**,** Redux**,** Node.js, Flask, EJS, MongoDB, Bootstrap, HTML, CSS JavaScript, MySQL, HTML5 Canvas Api.

- **Others:**   Data Structures, Algorithms, Operating Systems
- **Soft Skills:**   Communication, Problem Solving, Adaptability.

Projects:

- **Linked-Clone**   https://linkedin-66877.web.app/
  - Made a linked clone using React.JS, Redux, Firestore DB and hosted it on Firebase.
  - User needs to first register their account using any mail address and a password.
  - Once logged-in users have an option to see previous posts/ add their own post.

- **Slack-Clone**   https://slack-clone-562d1.web.app/
  - Slack Clone made using React.js, Redux, React-router.
  - Users login using Google authentication and once logged-in, users have option to create new channels, post on existing channels.
  - **TechStack :** React ,Redux ,React-Router ,firebase , firestore ,Google Authentication ,Material-UI

- **Netflix-Clone**
  - Re-created Netflix Homepage using create-react-app, displaying various movie and its trailer from various genre with such as Trending, Action movies, Comedy Movies, etc .
  - Used TMDB api for fetching Realtime movie data.

- **Html Canvas Game:** **https://hostem17-git.github.io/meteroid-Invasion/**
  - Developed a shooting game using HTML5 canvas API and vanilla-JS.
  - Player spawns at center of screen with multiple enemies coming at it from random Directions.
  - The player must shoot projectiles at enemies to destroy them before the reach center of screen and gain score.

- **To-Do List:**
  - A CRUD web application to work as To-do list.
  - Used Bootstrap for styling, EJS for template and Mongo-DB database.

- **Blog website:**
  - A multipage Web Application to depict a Blog Website.
  - Used EJS for templates, Bootstrap for Styling and Mongo-DB Database.
  - Currently Working to add Authentication measures to the project.

Achievements

- More than 200 Git contributions in the last year
- Cash Award recipient from IBM for innovative work in automation of internet access provisioning.
- **Top 8%** in Codechef March Challenge - 2021
- **Top 15%** in Google Kick Start Round E -2020
- Codechef - 3 Star.
- HackerRank - **6 Star** (Problem Solving).
- VIT Annual Scholarship Recipient.

Education

Examination	Institute	Year of Passing	Score
B.Tech (ECE)	VIT, Vellore	2020	8.72
HSC	Aatreya Academy, Pratapgarh (UP)	2015	86.8%
SSC	Aatreya Academy, Pratapgarh (UP)	2013	10

Profiles:

- **Portfolio:** https://os-portfolio.web.app/
- **LinkedIn:** https://www.linkedin.com/in/vinayak-jaiswal/
- **GitHub:** https://github.com/hostem17-git
- **Codechef:** https://www.linkedin.com/in/vinayak-jaiswal/
- **HackerRank:** https://www.hackerrank.com/vinayakpbh1?hr_r=1

Certificates

- Algorithmic Toolbox (Coursera Course)
- Data Structures (Coursera Course