Ashok Choudhary

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WORK EXPERIENCE

SDE 1, Got Duty Free   June 2024 – Present
Remote
- Developed and maintained an e-commerce website using NextJS with features like advanced product filtering and voice search.
- Implemented Custom Chat support with Google Dialog Flow APIs.
- Enable Push Notification using Google Messenging service and service worker.
- Ideated and implemented internal libraries for handling the data store and core utilities for the website and React Native app.
- Integrated Google Analytics with custom dimensions for tracking user engagement and customer support.
- Fixed Technical backlog involving updating dependencies such as React 16 to React 18.
- Was solely responsible for maintaining and adding new features to GDF's public website.
- Enabled SEO for GDF public-facing pages using NextJS Incremental Static Regeneration
  Advanced Skills: NextJS, SEO, Push Notification, Typescript, PWA, Google Analytics, Webpack, ReactJS.

Student Developer, Google Summer of Code(GSoC)   May 2024 – Sep 2024
Remote
- Worked on Jupyter Lab Repo under Org NumFocus
- Designed and implemented a data-driven plugin system, enhancing flexibility and enabling dynamic loading of plugin
- Developed a command entry point, simplifying plugin integration and enabling efficient execution of user-defined tasks.
- Extended extension configuration capabilities, streamlining the customization process and improving usability for developers.
- Defined main and side panel structures in No-Code methodologies
- Maintained comprehensive documentation of all implemented features and progress, ensuring clarity and consistency in the format.
  Advanced Skills: Jupyter Lab, Webpack, Typescript, Documentation

Engineering Intern, DiGiLABS-Alphahood-Technologies-Pvt-Ltd)   April 2024 – May 2024
Remote
- Integrated One Signal for Push Notification on WebApp and Mobile Application(React Native).
- Developed a multimedia service to manage user uploads with robust role-based access control for improved security and functionality
- Implemented an authentication layer using Clerk, ensuring secure and seamless access management across applications.
  Advanced Skills: React, One Signal, Push Notification, NodeJS, Scripting, Clerk, RBAC

EDUCATION

Poornima University(PU), Jaipur, *Rajasthan*   Graduation date: April 2023
Degree: Bachelor of Technology

Project

Clink| Founding Developer   August 2023 - January 2024
- Built the complete front end of an interest-based social media mobile application that supports all necessary functionalities including feed, messaging, profile, search, in-app and push notifications, etc.
- The platform had **200+ Daily active users** at a time. (Android) (IOS)
  Advanced Skills: React Native, Sentry, App Center, XCode, Android, Swift, Firebase.

Robocon| Member   November 2019 - March 2021
- Developed a localization system and motion planning Algorithm for a Holonomic Mobile robot. Tuning and wiring sensors with hardware and Arduino.
- Involved in the planning and execution of deadlines for the project.
  Advanced Skills: C++, Robotics, Kinematics, and Localisation

HONORS AND ACHIEVEMENTS

- Contributor of Elastic Search and JupyterLab in 2024 Made Frequent Open Source Contributions in multiple other repos.
- Participated in the Bounty program in Stakwork, and won bounty worth $2000
- Scored 100/100, Idea Submission Stage of ABU ROBOCON 2021 (10/2020 - 03/2021)