Dharmik Batra

Software Engineer

+91 8685014217 batradharmik@gmail.com Bangalore, India

Portfolio   dharmikbatra   x.com/dharmik

Profile

Software developer looking for some opportunities in Backend Development. Working at Cisco, specializing in developing the operating system(IOS-XR) for routers. My role involves creating robust and efficient systems that enhance the functionality and performance of networking hardware and the dashboards and CLI to manage them easily. With a strong foundation in backend development, I am proficient in technologies such as Node.js, Next.js, and Express as well.

Education

BE Computer Science *Birla Institute of Technology and Science, Pilani*   **Pilani, India** *2019-2023*

Relevant Courses: Operating Systems, Object Oriented Programming, Computer Networks, DBMS, Data Structures and Algorithms

Professional Experience

Software Engineer, *(CISCO Systems)*   **Bangalore, India** *08/2023 - present*
- Working on various features of IOS-XR which is the router's operating system.
- Developed features to enhance the performance in different scenarios, and some features to debug the issues faster and automatically
- Tech Stack: C Programming, Python, Linux, Router's CLI

Software Engineering Intern, *(CISCO Systems)*   **Bangalore, India** *01/2023 - 06/2023*
- Worked on various tools used by the company internally for better coordination among the employees and use of resources efficiently.

Software Development Intern, *(Wipro Linecraft AI)*   **Pune, India** *05/2022 - 07/2022*
- Added some features to the currently existing product of the company to parse data from data loggers of machine lines in a much more efficient way.
- Made a custom calculator which lets users to see any expression of parameters of their manufacturing firms with respect to time.

Projects

Tourify *(Link)*   *April 2024*
- A full stack web application where admin and guides can host any tour and all the users can sign up for any number of tours and can review them also
- REST api with protected and restricted endpoints to add/modify tours and payment gateway for the signed in user to book the tour

Private Chat Room   *February 2022*
- Built an anonymous chatroom web application where users can create and join private chat rooms using room codes
- Users can send text messages, their location, and images. Used web sockets to implement real-time information transfer

Areas of Expertise

Software Development - Backend Development - C++ Programming - Computer Networks - Automating Debug Procedures - NodeJS - ExpressJS - MongoDB - SQL - NextJS - ReactJS - NextJS - Django - Pug templates - Brevo - Stripe - HTML/CSS - Typescript - Javascript - Git - Python

Online Courses & Certifications

- Advanced Backend Development using NodeJS and Express (Jan. 2024) - Udemy
- Bits and Bytes of Computer Networking (Oct. 2020) - Google
- Python for everybody-Specialization (Aug. 2020) - University of Michigan