Dharmik Batra

Software Engineer

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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. My passion for technology and continuous learning fuels my commitment to excellence and innovation in software development.

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.
- Make features as per the client's requirement, 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.
- Tech Stack: NodeJS, Angular, Javascript, Typescript

Software Development Intern, *(Wipro Linecraft AI)*   **Pune, India** *05/2022 - 07/2022*
- Added some features to the currently existing product of the company and made a custom calculator which lets users to see any expression of parameters of their manufacturing firms with respect to time.
- Tech Stack: ReactJS, NodeJS, NextJS, Javascript, TypeScript.

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
- Technologies Used: ExpressJS, NodeJS, Stripe, Brevo, Pug Templates

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.
- Tools/Technologies : Node JS, Express, HTML/CSS, Handlebars.

Preserve Website *(Repo Link)*   *December 2021*
- An interactive website that helps users to preserve the important and precious moments of their life.
- Backend technology used is Node.js and Express.js and for storing database MongoDB.
- React material-UI libraries were used as frontend frameworks.

Areas of Expertise

Software Development - Backend Development - C++ Programming - Computer Networks - Automating Debug Procedures - NodeJS - Express - MongoDB - NextJS - ReactJS, NextJS, HTML/CSS - Javascript - Git - Python - Data Modeling

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