Harshita Jaiswal

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WORK EXPERIENCE

UpGrad, Bengaluru, India   **December 2019-November 2022**
Senior Software Engineer
- Led the frontend team in revamping the marketing website of the company in Next.js to optimize the page speed of the web application and for better UI/UX.
- Developed an automation script to accelerate the launch of new course pages by reducing the data team work from 8 months to a month.
- Extending web pages to be rendered inside upGrad's mobile apps and building the underlying communication using Webview, supporting cross-platform web pages.
- Contributed significantly to the project to unify user authentication, and created a shared library of components encapsulating various authentication logic to be used across platforms built in React.js with TypeScript. Developed a state machine for authentication flow using XState.
- Led the frontend team to revamp the program page on a marketing platform built in Nuxt.js.
- Scaled the platform to handle multiple countries and regions with fallback mechanisms.
- Hands-on experience in building identity and access management systems for in-house CMS using React.js.

Cyware Labs, India   **August 2018 - November 2019**
Software Engineer
- Worked on the refactoring and rewriting of an Angular product into Vue.js.
- Rewrote the user interface of an entire product in Nuxt.js.
- Implemented new pages and was responsible for the maintenance of the company's main website in Next.js.
- Contributed to the development and resolution of major bug fixes in the mobile app using Flutter.
- Delivered new feature modules and bug fixes in a continuous integration environment.

SenZopt Technologies Private Limited, India   **July 2017 - July 2018**
Software Engineer
- Implemented the entire multiple client-facing features built over SenZopt's IoT platform.
- Responsible for both the UI development using ReactJs and back-end integration with NodeJs.
- Integrated IoT data in real-time using Socket.io for visualization of SVG-based floor maps.

EDUCATION

Portland State University   **March 2024**

Master of Science, Computer Science (GPA - 4.0/4.0)

Coursework: Web and Cloud Security, Full Stack Development, Software Engineering

PESIT, Bengaluru, India   **August 2013 - June 2017**
Bachelor of Engineering, Computer Science and Engineering (GPA - 3.3/4)

TECHNICAL SKILLS

Languages: Python, C, C++, JavaScript

Web Technologies: HTML5, CSS3, Typescript, Redux, Vuex

Database: MySQL, MongoDB, PostgreSQL

Others: Jira, Microservices, Restful API, Postman, Linux, Jenkins, JSON Forms, Git, Bitbucket

Frameworks: React, Vue, Node, Express, Fastify
Design Frameworks: Bootstrap, Ant Design, Material UI, tailwind, LESS/SCSS
Technologies: AWS, Docker, Kubernetes, Node.js, AWS S3

PROJECT

Book Recommendation System
- Implemented a popularity-based recommendation engine that includes books with a total number of ratings of more than 200 and recommends books with 90% similarity.
- Boosted the accuracy of the recommendation engine with content evaluation, same authors, publishers, and year of publication with cosine similarity, which resulted in 95% accurate results.

StoreOfExperience
- An application to store all your life experiences in one place. Built using web technologies with microservice to authenticate users written in Python and Flask.