

Pallavi Kumari Gupta

Software Developer

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Profile

Experienced Software Developer with 2.5 years of expertise in designing and optimizing web applications, proficient in resolving challenges and enhancing product performance across diverse industries.

Skills

HTML5

CSS3

JavaScript

Reactjs

Redux

Next.js

Material UI

Bootstrap5

SCSS

Python

Figma

restful apis

JSON Web Token

React Native

Education

B. Tech (Computer Science), Gandhi institute for Technological Advancement

2018 – 2022

8.9 CGPA

Certificates

Front-End Web UI Frameworks And Tools: Bootstrap4

02/2022 – 06/2022

Languages

Hindi

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English

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Professional Experience

Software Developer, Caledon Technologies Pvt. Limited ✎

08/2022 – present

- Working as a Software Developer to create and maintain Web Rich Applications for our parent company, Routes Car Rental
- Implemented a new tech stack in the project, including React, Python, and MongoDB. Also, focused on code optimization and enhancing functionality.

Reservation Management System [RMS]

- Developed an end-to-end Reservation Management System (RMS) serving as a crucial backbone for rental companies.
- Implemented RMS with React JS for frontend, Python (Flask) for backend microservices, and MongoDB as a NoSQL database for efficient data storage.
- Utilized MongoDB to enhance API read/write times, improving system performance.
- Created APIs using Flask to connect the RMS with various Online Travel Agencies (OTAs) such as Expedia and PriceLine.
- Integration with OTAs resulted in increased revenue by 3x, attributed to a faster processing system and reduced transaction timeouts.

Counter Management System [CMS]

- Developing location-specific counter software for efficient car rental management.
- Utilizing React JS for the CMS frontend, Python (Flask) for backend development, and PostgreSQL for database management.
- Ongoing development of multiple APIs tailored to product requirements as a cost-cutting measure, intending to replace a third-party CMS software used for inventory and booking management at location counters.

Routes Website/Routes Parking Website ✎

- Enhanced the static and dynamic UI design, implemented responsiveness, and introduced new features to an existing parking website using Angular.js.
- Technologies used: HTML, CSS, Bootstrap 4, SASS, React, Python, MongoDB

SDE Intern, Spikewell India Pvt Ltd ✎

02/2022 – 08/2022

Spikewell specializes in developing cutting-edge technologies to address the most pressing challenges encountered by healthcare organizations.

Human Resource Management System

- Translated Figma designs into functional React code, with a focus on creating reusable components and implementing helper functions.

Travel and Tour Website

- Designed static and dynamic UI.
- Technologies used: HTML, CSS, Bootstrap4, React.

Tools

VS Code, Postman, Git, SVN