

# Divyanshi Tripathi

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## SUMMARY

Skilled Front-end Developer with 5+ years of experience in designing, developing, and maintaining front-end web applications.

Expertise in **HTML5, CSS3, JavaScript, Reactjs, React-Bootstrap, Bootstrap, Angular, Tailwind CSS, MUI, Redux, Graphiql, Axios and Nextjs** seeking to use technical proficiency and creativity to develop engaging user experiences and advance in a professional career

Achieved measurable success in increasing page load speeds by 20% which lead to an increase in website conversion rates.

Led the implementation of a new front-end development system which resulted in a 15% reduction in development time and a 20% increase in website performance.

Adept in collaborating with cross-functional teams and delivering projects on time and budget.

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## EXPERIENCE

### Software Engineer

#### Hyperthink IoT System

March 2020 - January 2025, Qatar

- Successfully advanced from **Junior Software Engineer** to **Senior Software Engineer** by consistently solving complex challenges and delivering impactful solutions.
- Gained hands-on experience developing diverse and impactful projects, enhancing technical expertise and problem-solving skills.
- Faces challenges in designing a complex structure for registering multiple sites in the platform for real-time parking management across Qatar.
- Integrated REST APIs and create user-friendly web and mobile interfaces.
- Tackled challenges like tight deadlines and evolving changing client requirements, improving adaptability and teamwork.
- Learned to prioritize user-centric solutions and optimize system performance.
- Developed strong collaboration skills with cross-functional teams to meet client expectations.
- Enhanced ability to navigate complex technical and logistical challenges, delivering solutions aligned with business goals.

### Intern Developer

#### Directorate Of Governance Reform

January 2019 - July 2019, Chandigarh

- Designed and implemented the **ER diagram flow** and integrated APIs for the HRMS application.
  - Contributed to backend development using **SQL queries, triggers, procedures, and database design**.
  - Developed frontend components with **HTML5, CSS3, Bootstrap, and Angular 7**.
  - Generated modules for the application including **biometric attendance, Leave management, project management, and parking management**.
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## PROJECTS

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### IoT Platform

Hyperthink IoT Systems • [v3.iotpf.hyperthings.in/](https://v3.iotpf.hyperthings.in/) • April 2024 -January 2025

- The application is designed to connect all kinds of IoT devices to the application.
- It holds the connection of all the linked other applications running with IoT sensor-based devices like Fleet Tracking System etc.
- It is an interlinked connection between all the other deployed applications with IoT features.
- Designed the most challenging features like Device Assignment and Unassignment.
- Frontend: Antd, Reactjs, leaflet and Redux.
- Backend: Rest API and Axios.

### DIC Digital Incubation Center)

Hyperthink IoT Systems • [dic.hyperthink.io/](https://dic.hyperthink.io/) • December 2023 - April 2024

- The project is designed to maintain the relationship between the investors and Startups by handling pitches.
- The project will manage all the **events, news, mandates, and pitches done by stakeholders and investing partners of the Qatar Ministry.**
- This portal is built to provide a list of Startups and their investors to be aligned in one portal, by providing all valuable functionalities for handling it.
- This is a robust application with having **Search Startups feature running from the CrunchBase system.**
- Additionally, the project includes **payment gateway integration** using **Skip cash**, ensuring secure and seamless transactions for financial operations.
- Backend: REST API's and Axios.
- Frontend: Reactjs, Redux, Nextjs, MUI.

### SP (Smart Car Parking System)

Hyperthink IoT Systems • [hts.sps.hyperthings.in](https://hts.sps.hyperthings.in) • September 2022 - March 2023

- The project is designed for the **AECL Company in Qatar** to maintain its parking system. It is a multisite-application-based project in which we designed not only the web apps but also the mobile apps. To give the facility to reach every single customer and give them feasibility in parking the vehicles.
- As is a multi-site project where all main Qatar places are linked like Faisal International Airport, Riyadh Airport, etc.
- Develop real-time backend connectivity with Graphiql and rest API integration.
- A key feature of the application is **Site Wizard**. This is the most challenging layout Where users can register as many sites as user want to connect with the application.
- Also, along with my team members, I developed some more important features.
- I gained the confidence to face clients and fulfil client requirements within the given deadlines.
- From giving demos of the implemented features to the client to listing all the changes expected by the clients.
- Backend: Post-Graphiql and Post-Graphiql Client.
- Frontend: React JS, Redux, Redux Toolkit, Nextjs, Antd and Flutter.

### 4S (Smart Site Safety Solution)

Hyperthink IoT Systems • March 2020 - September 2021

- Designed and implemented intuitive front-end features to monitor worker safety across construction, factory, and accommodation sites, increasing real-time visibility by **80%**.
- Developed and optimized interfaces using **React.js** and **Redux**, enhancing usability for sensor-based device

integration.

- Collaborated with the backend team to streamline data flow, reducing API response times by **30%** with **Post-Graphile** and **REST APIs**.
- Led the implementation of key safety features, improving incident reporting efficiency by **40%**.
- Identified and resolved critical bugs in collaboration with the QA team, achieving a **95% reduction in production issues**.
- Conducted comprehensive unit, smoke, and integration testing, ensuring **100% alignment** with client requirements.
- **Backend**: Built using **Post-Graphile** and **REST APIs** for efficient data handling and seamless integration.
- **Frontend**: Developed with **React.js**, **Antd** and **Redux** to create responsive and user-friendly interfaces.

## EDUCATION

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### Master Of Computer Application

Himachal Pradesh University, Shimla

- Percentage: 80%.

### Bachelor Of Computer Application

Himachal Pradesh University, Shimla

- Percentage: 72%.

## CERTIFICATIONS

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Certified In Reactjs Redux

Certified In JavaScript

## SKILLS

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**Backend (Tools/Libraries)**: REST APIs, Post-Graphile, SQL

queries, Axios, Postman.

**Frontend (Tools/Frameworks)**: Figma, Adobe, Reactjs, Redux, Nextjs, JavaScript, HTML5, React-Bootstrap, Bootstrap, CSS3, Tailwind CSS, MUI, Angular, Axios, Antd, VS Code.

**Testing**: Unit testing, Smoke testing, Integration testing

**Languages**: English, Hindi

## Web Links

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**Portfolio**: - <https://divyanshitripathi.github.io/myportfolio/>

**GitHub**: - <https://github.com/divyanshitripathi>



