Mohit Patel

linkedin.com/in/mohitpatel2314/
✉ mohitpatel2314@gmail.com

"I am a Vue.js developer who loves to build appswhile paying great attention to performance, scalability, design pattern and maintainability."

Education

2015–2019 **B.Tech**, *Jaypee University of Information Technology*, Solan, *CGPA – 8.6*.
Electronics and Communication Engineering

Experience

2021-Present **Software Product Developer-II**, *XLSCOUT*.
Developed a Graph Wizard module which lets user plot multiple types of graphs of their choice with full customization with no code.Worked with typescript to make application less prone to bugs, also worked on other front-end issues to enhance product.Along with it I guided interns in their training period.

2021 **Senior Software Engineer**, *DIGI-K LABS*.
Worked on frontend projects and software-related technical issues to enhance client requirements and product innovation. Performed Unit testing for the Vue components Also investigated new and emerging web technologies.

2020 **Software Engineer**, *DIGI-K LABS*.
Developed form builder application, took complete ownership of entire project which included design, setting up its architecture frontend as well backend, configured it for 3rd party tools integrations, designed analytics segment. also collaborated with team members to design UI library which is both Vue2 & Vue3 compatible and other new project proposals.

2018 **Trainee**, *BSNL*.
Get acquainted with complete communication system model & various communication concepts and techniques.

2016 **Computer Hardware & Networking Intern**, *Syscom*.
Explored basics of networking, its tools, setup & configuration. Performed various simulations on cisco packet tracer

Projects

2020-2021 **FormBuilder Application**
Developed a FormBuilder application on VueJs framework, used expressJs for backend & firebase, mongodb for database. Integrated Zapier for 3rd party tools integrations. That allows to build fully customizable easy to use web forms which can help you to get your required information and leads in order to improve and boost your business.

2021 Devleoped components to migrate project from ASP.net to Vuejs framework

Developed various components for a client to migrate their components to VueJs framework.

2021 Eco House Designer Tool

Took complete ownership to develop a house designer tool using VueJs, which tooks consideration of various civil engineering parameters to get desired parameters before construction.

2020 UI Library (Vue2 & Vue3 Compatible)

Colloborated with team members to develop various beautiful generic components which are both Vue2 and Vue3 compatible.

2019 Chat Application with GeoLocation API

Realtime chat application using Vue.js framework, firestore database & google map api.

2019 Underground Water Leakage Detection System

Using IOT and reflection coefficient concept in transmission lines developed a model which can automate water monitoring system and detect leakages in water pipes and determines exact location of leakage.

2017 Smart Parking System

With the help of embedded system systems consisting of two ARDUINO UNO R-3 controlling the moving plank and parking arena which was demonstrated in R&D Expo of JUIT-Waknaghat (2015-16).

2016 Home Automation

Automated my hostel room fans and light using Arduino Uno R3 board, relay module & HC-05 with my android phone.

Technical Skills

- o Language:- JavaScript(ES6), TypeScript
- o Designing:- HTML, CSS
- o FrontEnd:- VueJs, NuxtJs, Quasar, Ionic
- o Backend:- NodeJs, ExpressJs
- o Database:- Firebase, MongoDb
- o Unit testing :- Jest ,Vue-Test Utils

Publications

- o ICRITO'2018:2018 7th International Conference on Reliability, Infocom Technologies and Optimization(Trends and Future Directions) on, "A Novel Approach for Water Leakage Detection and Localization"

- o Springer proceedings at International Conference on Advances in computing and Data Sciences-2016 on," Automated Learning Based Water Management and Healthcare System Using Cloud Computing and IoT".

Awards and Achievements

- 1st Position in Project Demonstration in R&D Expo 2018 organized by IEEE-JUIT(13 April'18)
- 1st Position in Student Research Convention organized by TIEDC-JUIT(09 Feb'18)
- 2nd Position in Roborace by MURIOUS XI at JUIT(12 feb'17)
- 3rd Position in Robowar at UIET,Chandigarh(March'16)
- 4th Position in R&D Expo organized by IEEE-JUIT(14 May'16)
- 1st in Poster Presentation by Technovatorz Club at JUIT
- 2nd Position in Robowar by MURIOUS X at JUIT
- Qualified 1st round of 9th National Science Olympiad with AIR-1785
- Secured 2nd school rank in International Mathematics Olympiad,2008
- Secured 19th city rank in 11th National Science Olympiad,2008

Extra-Curricular Activity

- Organized webinar on Hactoberfest-2021 as Team lead and instructor at DIGI-K LABS

- Workshop on EMBEDDED SYSTEM at IITD by Robosapiens India Pvt. Ltd.
- Organized various Technical events at MURIOUS'16 as a Student Volunteer.
- Student mentor for the workshop on Basics of Robotics By IEEE'16.
- Student Volunteer in Hackathon'17 by ACM-JUIT.
- Executive Member of IEEE-JUIT student branch, Waknaghat.
- Participated in IIT-R techfest Cognizance (2015-16).
- Captain of Basketball Team at S.R International School(2012-14).
- Awarded best Basketball player in 2011