

# Virendra Vishwakarma

Full Stack Developer

vishwakarmavirendra74@gmail.com

+918800405794

## PERSONAL PROFILE

- 3+ years of experience as a **Full Stack Developer** in IT projects using AGILE
- Hands-on experience in building service and product-based applications.
- Proficient in collaborating with cross-functional teams to design, develop robust and scalable software solutions
- Strong understanding of **front-end development** principles, including responsive design and cross-browser compatibility
- Excellent in developing efficient and secure **back-end services** using **Node.js** and integrate with databases such as **NoSQL** and **MySQL**

## TECHNICAL SKILLS

• Nodejs	• Reactjs, Redux, Redux toolkit
• Javascript	• Typescript
• ExpressJS	• Git, Gitlab, Github, Bitbucket
• JEST, AWS, JIRA	• Redis, MySQL, NoSQL

## WORK EXPERIENCE

Associated with **CarDekho - Girnarsoft** as Software Engineer

### (JAN2023– CURRENT)

**Product: Carmudi International Insurance PH:** Insurance PH is an insurance lead management system enabling users to create insurance leads and calculate insurance pay through complex mathematical formulas. It features document management for image uploads and tags, along with multi-stage processing categorized into first submit, disbursal, and post disbursal stages.

#### Major Responsibilities:

- Applied **algorithms** to **compute insurance quotations** and **payments** with precision.
- Designed and developed the **Document Section**, enabling users to **upload, tag, download, and delete** images.
- Integrated **Role Based Access Management** System
- Orchestrated **state management** and API calls on the frontend utilizing **Redux toolkit**
- Implemented **Database Replication** utilizing the **Master-Slave** architecture.
- Designed **unit tests** for multiple **components** leveraging **Jest** and **React Testing Library**

**Product: Girnar International Cloud Gateway Services**, an API gateway where all the requests of multiple Girnar products are handled. This gateway includes services like request authentication, authorization, routing client requests etc.

#### Major Responsibilities:

- Developed **multiple microservices** to **upload files in AWS s3 bucket** and access them using **pre-signed URLs**
- Implemented token **authentication** mechanism to secure requests originating from Insurance PH

**Product: Inspection OTO:** A web and mobile application involving orchestrating a user-centric experience, enabling quality control checks and vehicle rating across vital aspects like interior,

exterior, engine, and electricity. Includes a comprehensive process culminating in a detailed certifications report, encapsulating the vehicle's overall condition and a comprehensive rating out of 10.

#### Major Responsibilities:

- Engineered an **image upload system** with tags validation for vehicle condition accuracy
- Developed an intuitive **inspection feature** enabling users to initiate and **manage inspection requests**, assigning tasks to co-ordinators (CEs) for **quality control** checks
- Implemented **internationalization (i18n)** and integrated i18n libraries to **manage language specific** content, enhancing accessibility and user experience for a diverse global audience
- Integrated state management and API calls on the frontend utilizing **Redux toolkit**

Associated with **BrickRed System** as Senior Analyst - Development.

*(Oct2020 – JAN2023)*

**Product: Hindustan Times – Customer Portal:** An online portal where customers of Hindustan times can make payment, check invoices, etc. and internal users can verify these payments, create tasks, create visits, mail invoices, create users, etc.

#### Major Responsibilities:

- Re-designed, created and coded the **complete backend** framework
- Established and integrated the portal with payment feature using **Razorpay**
- Built new features like Admin, Visit, Task Management, OTP etc using **Rest API**
- Designed and code **PHP Scripts with cron jobs** to auto schedule email process.
- Evolved and Established highly optimized **database query** to reduce response time
- Build/Designed frontend components for various features like Admin Section, Visit.

**Product: SPYN- Learning management system** is an online platform for students and teachers where students can join available academies and learn, practice and perform as per assigned classes and lessons. This product contains various modules like dashboard, classes, lesson, messaging etc.

#### Major Responsibilities:

- Implemented a **chatting module using React js and Firebase- Firestore**
- Integrated the module with **sockets** to meet changing requirements
- Built **RESTful APIs** that served data to front-end based on dynamically selected user inputs
- Built a **Utility** to remove conversations older than 24 hrs from the database.

**Product: Microsoft MSR-HWLab**, a web portal that provides electro-mechanical engineering and prototyping development to support Microsoft research priorities. Includes creation of requests which get assigned to workers as Task, Safety which displays the graph indicating incidents and Tours for scheduling tours of Hardware Lab and Learning.

#### Major Responsibilities:

- Upgraded and transformed APIs to meet the changing requirements.
- Established database queries for updated APIs.
- Customized frontend rendering the API responses.

#### EDUCATION & QUALIFICATION

- Bachelor of technology in Computer Science and Engineering |2020| Galgotias University, Gr. NOIDA, U.P
- 12th | 2016| CBSE |Maharishi Vidya Mandir, NOIDA, U.P
- 10th | 2014| CBSE |Maharishi Vidya Mandir, NOIDA, U.P