Prashul Jain

Full Stack Engineer | R&D

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Professional Experience

Highway 9 Networks | Software Engineer (R&D)

July 2022 – Present

Optimizing, Visualizing, Implementing

- Lead and manage the UI/UX team to ensure the delivery of user-friendly and visually appealing interfaces.
- Achieved a significant improvement in application rendering time by 50% through the implementation of generic templates and optimized state management.
- Designed and implemented custom frameworks and templates for map design and graph generation, resulting in enhanced project efficiency.
- Successfully redesigned and optimized the existing codebase for React/Typescript projects, improving performance and maintainability.
- Demonstrated expertise in system front-end design, emphasizing optimized state management and type definitions from scratch.

Neudesic- IBM | App Innovation Consultant

Mar 2022 – Aug 2022

From Board Stories to Implementation

- Served as a Lead React developer, collaborating closely with the .NET Core backend team.
- Designed UI/UX wireframes and implemented them to enhance user interfaces.
- Designed the system and project structure from scratch, including data modeling and state management.
- Provided training and mentorship to junior developers to foster skill development and team growth.

Cognizant | SAP HANA Consultant

Jan 2020 – Mar 2022

Directed the data through business logic funnel.

- Focused on a highly customized SAP financial processing data platform shared among various areas, built on the SAP HANA database and integrated with external applications.
- Implemented HANA views and models to optimize data processing and reporting.
- Enhanced business reports and calculation views to improve data analysis capabilities.
- Led data migration efforts and created SQL-based procedures and querying tools for data manipulation.
- Contributed to automation testing and monitoring to ensure the reliability and performance of the SAP data platform.

Freelancer | Web App Development

From Ideas to Apps

- Focused on web and cross-platform application development, transforming client ideas into fully functional applications.
- Acted as a consultant, translating customer problems into technical solutions to address their specific needs.
- Implemented business logic to provide effective and customized solutions to end-users.
- Demonstrated expertise in building websites, designing databases, and executing UI/UX implementations to create user-friendly and efficient applications.

Links

- Portfolio
- LinkedIn
- GitHub

Skills

Over 1000 lines:

- TypeScript
- JavaScript
- NodeJS
- React, Redux
- React Native,
- NoSQL
- Firebase
- HTML, CSS

Familiar:

- Python
- Go
- Flutter, Android
- Kubernetes, Docker
- Git
- AWS, GCP

Tools & Methods:

- GitHub, Azure DevOps
- Figma, Sketch
- Front End Engineering Design (FEED)

Education

Priyadarshini College of Engineering
Bachelor of Engineering (C.S.)
July 2015 – Aug 2019
Graduated with a 7.9 GPA.
Technical Writer for Forum (SCOOP)

Vidhya Bhumi Public School
High School
July 2013 – Jun 2015
Graduated with 82%

Projects

Billin' Inc – Invoicing & Accounting
https://billinginc.now.sh
From pen-paper billing to digital invoicing.
- Designed and developed an invoicing, accounting, and inventory management solution catering to wholesalers, retailers, and SMEs.
- Defined the data model and implemented business logic, ensuring seamless functionality.
- Designed the application interface to facilitate smooth integration between the application and the database.
- Integrated cloud functionality with Google Drive for secure data storage and backup.
- Implemented the project as a Progressive Web App (PWA), enabling offline usage on both mobile devices and web browsers.
- Technologies used: Node.js, TypeScript, React, Express, Electron.

xpWatch (Open-Source Movie Streaming Web and Android App)
https://xpwatch.now.sh
A movie watching hobby turns into platform.
- An open-source movie streaming platform encompassing both web and Android applications.
- Developed a web scraper to fetch multiple streaming links for movies.
- Implemented OAuth2 authentication for user security.
- Designed and implemented the user interface for a seamless viewing experience.
- Built the Android app to extend the platform's reach to mobile users.
- Attracted an average of around 100 weekly users to the platform, highlighting its popularity and user engagement.
- Utilized technologies including ReactJS, NodeJS, Firebase, Firestore, NextJS, Serverless Cloud Functions, Progressive Web App (PWA) features, and Android app development.

Crafttor – Adobe Plugin
(Adobe Exchange Link: Crafttor Plugin)
- Contract-based development of a plugin for Adobe Creative Cloud.
- Developed the plugin to facilitate asset management within Adobe software.
- Successfully implemented authentication and backend server integration for a seamless user experience.
- Designed and executed the user interface to ensure a user-friendly and efficient workflow.
- Created the plugin using Adobe Photoshop, leveraging React/Redux for development.

Chatboi
https://chatboi.now.sh
Curiosity turns into a chat app.
- A real-time social media platform designed for sharing, chatting, and messaging with data encryption.
- Successfully developed the app from concept to reality, promoting curiosity and meaningful connections.
- Defined and implemented robust data design and REST API, ensuring efficient data management and seamless communication.
- Created the UI/UX design efforts to create a user-friendly and engaging experience.
- Use firebase authentication to guarantee user security and privacy.
- Developed a web scraper that fetches trending social media posts using hashtags, enhancing user engagement.
- Utilized tech stack, including NodeJS, ReactJS, TypeScript, Ionic, Firebase, and Progressive Web App (PWA) features.

Certifications
- The Complete Node.js Developer Course (3rd Edition) - Udemy
- Docker and Kubernetes: Complete Guide - Udemy
- SAP Certified Application Associate - Business Intelligence with SAP BW – Udemy
- AWS Essentials - Udemy