

Pradhuman Demla

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EXPERIENCE

MANTRA LABS | SOFTWARE ENGINEER

Present - Oct 2021 | Bengaluru, Karnataka

- Implemented a **Content Management System (CMS)** for **dynamic product management** of health insurance plans. Streamlined transaction tracking and **database integration** for improved scalability and performance.
- Designed **responsive websites**, enhanced user experiences, and helped boost business growth by collaborating with cross-functional teams.
- Optimized overall **operational efficiency by 30%** by automating the proposal tracking interface and reducing manual inefficiencies.
- Developed and maintained **secure user login** functionalities for health insurance plans and account information.
- Designed and implemented a **user-friendly** system for submitting and tracking health insurance claims. Optimized the claim process for faster resolution and improved customer satisfaction. **Reduced claim processing time by 20%**.
- Developed a seamless online system for hassle-free policy renewals, ensuring **uninterrupted** coverage for policyholders.
- Developed **micro-services** architecture to deliver premium functionalities within the health insurance application, enhancing **user experience** and driving subscription growth.
- Successfully resolved critical security vulnerabilities identified during **VAPT** testing (e.g. Cross-site Scripting, Weak Cryptographic Hash, Insecure direct object reference (IDOR), Email Injection, Host header Injection). Implemented additional security measures like OTP, CAPTCHA and rate limiting for a comprehensive security approach.

D-SYS DATA SOLUTIONS | SOFTWARE ENGINEER

Sept 2021 - Sept 2020 | Bengaluru, Karnataka

- Engaged users through interactive features, prioritizing responsive design and **ADA compliance**.
- Facilitated collaborative discussions with clients and cross-functional teams to clarify technical issues.
- As an fresher, gained valuable experience with modern web development technologies, focusing on the **MERN** stack (MongoDB, Express.js, React.js, Node.js).
- Worked extensively with **Redux**, a JavaScript library for managing application state, to ensure efficient data flow and seamless user interaction. Further, learned how to optimize the performance and organization of my web applications with **Webpack**, a powerful module bundler.

PROJECTS

FABINS | MERN STACK

- The social media application on which user can register and login.
- Users can add others users as a friend. Friends can chat, view each others stories & feeds and also like, comment and share .

EDUCATION

SHRIRAM INSTITUTE OF INFORMATION TECHNOLOGY

BACHELOR OF TECHNOLOGY IN
COMPUTER SCIENCE
2021 -2017 | Gwalior, MP

SKILLS

PROGRAMMING

- Javascript
- PHP
- HTML
- CSS

FRAMEWORKS/TOOLS

- React JS
- Express JS
- Laravel
- Redux (toolkit, thunks, Saga)
- Axios
- Bootstrap
- GitLab
- Jira

BEGINNERS

- Angular JS
- Next JS
- Spring Boot
- Nest JS
- MUI
- AWS
- Docker
- SASS SCSS

LINKS

Github:// **Pradhumandemla**

LinkedIn:// **pradhumnd33**

Hacker Rank:// **pradhumnd33**