

Pradhuman Demla

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Professional Experience

Software Engineer | Mantra Labs

📍 Bangalore, Karnataka | Oct 2021 – Present

- Developed and maintained scalable **Node.js** applications following **microservices architecture**.
- Designed and optimized **RESTful APIs**, improving response time by **30%**.
- Conducted **code reviews, release management, and performance tuning**.
- Implemented **CI/CD pipelines** and managed cloud deployments using **AWS, Docker, Kubernetes**.

Software Engineer | D-Sys Data Solutions

📍 Gwalior, Madhya Pradesh | Sep 2020 – Sep 2021

- Built **full-stack applications** using **MERN stack**.
 - Developed **responsive UI components** and optimized page load times by **40%**.
 - Automated testing using **Selenium and JMeter** for regression testing.
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Projects

Care Health Insurance (Insurance Product)

📅 Feb 2017

- Developed an **insurance web application** where users can purchase plans and file claims.
- Designed **CMS, LMS, and RMS** for dynamic product and renewal management.
- Resolved critical **security vulnerabilities** during **VAPT testing**.

D-EDU (Student Portal)

📅 Jan 2016

- Built a **student portal** for universities to manage academic records.
- Facilitated **collaborative discussions** with clients for issue resolution.

Fabins (Social Media Application)

📅 Jan 2016

- Developed a **social media platform** with user interactions.
- Integrated an **advertisement system** for user rewards.

Technical Skills

- ✓ **Frontend:** React.js, Redux, Bootstrap, jQuery, HTML, CSS, SCSS
 - ✓ **Backend:** Node.js, Express.js, REST APIs, Microservices, GraphQL
 - ✓ **Databases:** MySQL, MongoDB, Query Optimization, Performance Tuning
 - ✓ **Cloud & DevOps:** AWS (EC2, S3, Lambda), Docker, Kubernetes, CI/CD Pipelines, Linux
 - ✓ **Security:** VAPT, Security Compliance, OWASP, Encryption
 - ✓ **Testing & Tools:** Jira, Git, Selenium, JMeter, VS Code, Agile/Scrum
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Education

Shriram Institute of Information Technology

- 📍 Gwalior, Madhya Pradesh | **2017 – 2021**
 - **B.Tech in Computer Science | GPA: 7.53**

Kiddy's Corner Hr. Sec. School

- 📍 Gwalior, Madhya Pradesh | **March 2017**
 - **12th (PCM)**

Kiddy's Corner High School

- 📍 Gwalior, Madhya Pradesh | **March 2014**
 - **10th (All Subjects)**