

# PACHIPALA DEEPAK REDDY

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## PORTFOLIO

### Professional Summary:

**Full Stack Developer** with 2 years of hands-on experience in designing, developing, and maintaining scalable web applications. Proficient in front-end technologies such as **React.js**, **HTML5**, **CSS3**, and **Bootstrap**, alongside back-end technologies like **Node.js**, **Express.js**, and **PostgreSQL**. Experienced in building robust **RESTful APIs**, managing data with **MongoDB**, and ensuring code quality through **Jest** testing. Adept at collaborating in Agile teams, utilizing **Git** for version control, and streamlining development workflows with **CI/CD pipelines**. Passionate about writing clean, efficient code that delivers seamless user experiences while ensuring performance, scalability, and security.

### Professional Experience:

- Developed and maintained web applications on a **cloud-based, HIPAA-compliant platform** used for remote behavioural health and special education services.
- Built responsive and accessible user interfaces using **React.js**, **JavaScript (ES6+)**, **styled-components**, **Bootstrap**, **HTML5**, and **CSS3**.
- Created and integrated secure **RESTful APIs** using **Node.js** and **Express.js** for real-time communication between frontend and backend systems.
- Designed and managed databases with **PostgreSQL** and **MongoDB**, focusing on performance optimization and data integrity.
- Used **Jest** for writing unit and integration tests, improving system reliability and reducing bugs.
- Worked within Agile teams using **Jira** for task tracking, and **Git/GitHub** for version control and collaboration.
- Participated in **CI/CD pipeline integration**, ensuring automated builds, tests, and deployments for streamlined delivery.

### Technical Skills:

Front-End	React.js, Bootstrap, Styled-Components
Back-End	Node.js, Express.js
Languages	HTML, CSS, Java Script, SQL(PostgreSQL), NOSQL(MongoDB).
API Technologies	RESTful APIs, JSON
Source Control Tools	Git, GitHub, Jira

### Project Experience:

- Currently working with Ensar Solutions Inc. as Associate Software Engineer.

**Name:** Tele Teachers & MIYO Health

**Applications Used:** VS code

#### **Description:**

- Worked with back-end developers to integrate third-party APIs, enhancing functionality and improving the overall user experience on web platforms.
- Reduced page load times by optimizing front-end assets, including JavaScript files and stylesheets.
- Built databases and table structures for web applications.
- Discussed project progress with customers, collected feedback, and addressed concerns directly.
- Maintained clear documentation of system architectures, workflows, and coding standards for reference by other team members.
- Implemented Reports to generate and deliver customized reports in formats like PDF and Excel, enhancing the reporting capabilities of the system. Designed templates and integrated them into the backend for dynamic report generation.

- Integrated Surveys into the application to build and deploy user-friendly surveys, allowing real-time data collection, survey result analysis, and reporting. Customized surveys for specific needs like customer feedback, product reviews, and more. Generating reports and visualizing data with reports for
- Streamlined code deployment processes, resulting in faster product releases and updates.
- Enhanced the user experience by developing intuitive user interfaces and creating responsive web designs to ensure compatibility across various devices and browsers.
- Integrated Ant Design components to create a polished, user-friendly interface, ensuring consistency across the application with customizable, reusable UI elements.
- Used Git for version control, ensuring smooth collaboration within the team and maintaining code integrity throughout the development cycle.
- Regularly presented progress updates and demos to clients, incorporating their feedback into the development process, and making adjustments as needed to enhance user experience and satisfaction
- Provided ongoing post-launch support, handling bug fixes, minor updates, and enhancements based on user feedback and evolving requirements.
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#### **Roles & Responsibilities:**

- Developed and maintained **full-stack web applications**.
- Designed and integrated **RESTful APIs**.
- Managed and optimized databases
- Collaborated with cross-functional teams in **Agile** sprints using **Jira** for task tracking and progress monitoring.