

# Deenanadh Polavarapu

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## Professional Summary

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Motivated and detail-oriented Software Engineer with over 2 years of hands-on experience working with the **MERN**(MongoDB, Express.js, React, Node.js) stack. Strong foundational knowledge from academic coursework complemented by practical, real-world project experience. Demonstrates a collaborative mindset, strong problem-solving skills, and a commitment to delivering clean, efficient code. Eager to apply proven technical abilities, continue learning cutting-edge technologies, and contribute to innovative teams within a fast-paced development environment.

## Education

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**Trine University**, MS in Information Science

Dec 2022 – Dec 2023

- GPA: 3.85/4.0

• **Coursework:** Advanced Databases, Object Oriented Programming in Java, Project Management.

**Gandhi Institute of Technology and Management**, BS in Computer Science and Engineering

May 2017 – Jun 2021

- GPA: 8.14/10.0

• **Coursework:** Object Oriented programming in C, Java, Project Management, Data Structures, Introduction to AI, and Big Data.

## Experience

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**Software Engineer**, Agile Squad Inc - Fairfax, VA

Nov 2024 - present

- Developed over 15 reusable components for a shared product design system, enabling consistent and efficient development for 3-4 product teams.
- Collaborated with product managers and UX designers to define intuitive component APIs, aligning with business goals and improving user satisfaction.
- Designed and maintained a component library utilized by 3+ teams, streamlining development workflows and reducing redundant efforts by 30 percent.
- Implemented full-stack solutions using React and Node.js to deliver scalable applications, reducing development time by 20 percent through optimized codebases.
- Executed 100+ browser and device compatibility tests to ensure seamless functionality across diverse user environments.

**Full Stack Web Developer**, Kanap Systems LLC - West Des Moines, IA

Feb 2024 - Nov 2024

- Responsible for the Development and maintaining user interfaces for web applications using UI technologies such as HTML5, XHTML, JavaScript, CSS3, React, NodeJS, and JSON.
- Used React JS with functional and class-based components and redux for state management of the UI components.
- Designed and implemented responsive designs for web transactions and applications according to business needs and user feedback.
- 60 percent of the work involves JavaScript and use of CSS frameworks such as Bootstrap and SaaS for styling and layout design.
- Modified and updated existing code and websites as per the changing requirements and system infrastructure.

**Web Developer**, RS Builders and Developers - Visakhapatnam, INDIA

May 2020 - Jun 2021

- Leveraged digital media and content creation tools to redesign the company website, resulting in a 7 percent increase in user engagement.
- engagement. · Created a centralized database that streamlined data management processes, reducing data retrieval time by 5 hours per week and increasing productivity by 10 percent.

- Evaluated and optimized over 700 lines of code, resulting in a 14 percent increase in application performance and ensuring full compatibility with all major browsers and devices.
- Responded to user email inquiries by setting up automated systems to send responses which has improved customer reach by 20 percent.
- Managed the implementation of website updates that enhanced mobile usability, contributing to a 30 percent increase in mobile traffic over a 2-month timeframe.

## Projects

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### CineTrack

[github.com/Deenanadh/CineTrack](https://github.com/Deenanadh/CineTrack)

- An application to view information about TV shows and movies.
- Built a Single-page website to display information about movies or series using HTML, CSS, and JavaScript.
- Integrated with an Open-Source API to retrieve information About the movies, shows, and actors.
- Used Javascript to map the information of the actors and their movies/shows.
- Tools Used: HTML, CSS, JavaScript

### Expense Tracker

[github.com/Deenanadh/ExpenseTracker](https://github.com/Deenanadh/ExpenseTracker)

- Built the website to calculate the user's expenses, categorize them, and output them as a graphical chart.
- Coded using HTML, CSS, React.js, and JavaScript to develop features for both mobile and desktop platforms.
- Tools Used: React.js, Bootstrap, JSX, CSS, HTML.

### Notify

[github.com/Deenanadh/Notify](https://github.com/Deenanadh/Notify)

- A Mobile application to detect network loss, when turned on, and send an alert to the contacts saved by the user in the application.
- The application was built using Flutter, Dart, and JavaScript.
- Used an Open Source API to detect the network loss.

## Technologies

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**Languages:** Java, SQL, NoSQL, JavaScript, HTML, CSS.

**Technologies:** Bootstrap, Express.js, React.js, JSON, AJAX.

**Tools:** MongoDB, Vscode, Git, Figma.