

Deenanadh Polavarapu

Web developer | 11138 Church Street, Fairfax, 22030, VA (USA) | +15713737400 | pdeenanadh@gmail.com

About

Detail-oriented software engineer with over 2 years of experience in web development, front-end engineering, and mobile development. Proficient in the MERN stack (MongoDB, Express.js, React, Node.js) and experienced in building customer-facing applications from the ground up. With a strong foundation in cybersecurity and project management, I bring a strategic and secure approach to product development. Having recently completed a master's degree in the USA, I am eager to leverage my skills and experience to contribute to early-stage engineering teams focused on developing intuitive, user-centric software.

Work Experience

Kanap Systems LLC.

Full Stack Web Developer

Feb '24 - Nov '24

- Responsible for the Development and maintaining user interfaces for web applications using UI technologies such as HTML5, XHTML, JavaScript, CSS3, React, Angular, Nodes JS, MVC, JSON and Azure.
- Used React JS with functional and class-based components and redux for state management of the UI components.
- 60 percent of the work involves JavaScript and typescript and use of CSS frameworks such as bootstrap and SaaS for styling and layout design.
- Designed and implemented responsive designs for web transactions and applications according to business needs and user feedback.
- Tested and debugged web applications using Agile, waterfall and SDLC processes and ensure quality and performance standards.
- Modified and updated existing code and websites as per the changing requirements and system infrastructure.
- Performed gap analysis and feasibility analysis to determine the compatibility and suitability of the UI technologies and frameworks for the web applications.

R S builders and Developers

Web Developer and Administrator

Jun '19 - May '21

- Leveraged digital media and content creation tools to redesign the company website, resulting in a 7% increase in user engagement.
- Created a centralized database that streamlined data management processes, reducing data retrieval time by 5 hours per week and increasing team productivity by 10%.
- Developed comprehensive website content style guidelines that reduced content creation time by 2 hours.
- Evaluated and optimized over 700 lines of code, resulting in a 14% 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%.
- Managed the implementation of website updates that enhanced mobile usability, contributing to a 30% increase in mobile traffic over a 2-month timeframe.

Skills

Material UI · Java · Figma · AJAX · Software Development Life Cycle (SDLC) · Node.js · React.js · Javascript · Express.js · HTML + HTML5 · CSS · API · Asynchronous Javascript and XML (AJAX) · Bootstrap (Front-End Framework) · Drupal · Figma (Design Software) · JSON · MongoDB · MySQL

Projects

Expense Tracker

A Web application to track expenses.

- Collected, defined, and translated the requirements into project designs and implementation plans.
- Built the website to calculate the user's expenses, categorize them and output them as a graphical chart.
- Coded using HTML, CSS, and JavaScript to develop features for both mobile and desktop platforms.
- Used regulatory and compliance standards for user interface designs.
- Designed the website to work with a variety of browsers.
- Delivered responsive web design project in Agile framework.
- Identified and resolved website performance flags to improve functionality.

TV show search app

An application to view information about TV shows and movies.

- Built a React application to display information about movies or series.
- Took concepts and produced design mockups and prototypes to strengthen designs, enhance user experiences, and improve site interactions.
- Developed user-oriented visuals and features using front-end languages.

Notify

A mobile application to protect our loved ones.

- Built 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.
- Took concepts and produced design mockups and prototypes to strengthen designs, enhance user experiences, and improve site interactions.
- Developed user-oriented visuals and features using front-end languages.
- Collaborated with in-house web designers to create sleek and innovative UI designs.
- Used Google API to improve connectivity loss detection time to 15 sec.

Education

Trine University

Master of Science (MS) | Information Studies | GPA: 3.85

Dec '23

Gandhi Institute of Technology and Management

Bachelor's Degree | Computer Science. | GPA: 8.14

May '21