Akshay Krishna N
Web Developer

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Versatile Full Stack Developer with hands on experience in designing, developing, and deploying dynamic web applications. Proficient in both front-end and back-end technologies including **Angular, React, Node.js, Dotnet, web Apis, PLSQL and MongoDB**. Adept at optimizing performance and collaborating with cross-functional teams to deliver user-centric solutions. Committed to writing clean, maintainable code and staying up to date.

Experience

2024 (3 months)

Angular 17| MAFIL IT | Calling Module (CRM)

A Customer Relationship Module (CRM) based application from scratch, helping businesses to manage and analyze customer interactions throughout the customer lifecycle. This module aims to improve business relationships with customers, assist in customer retention, and drive sales growth. Through regular follow-up. Key features include:

- **Lead Management**: Track and manage potential customer leads from various lead sources.
- **Contact Management**: Maintain detailed records of customer information, including contact details, communication history, and preferences
- **Interaction Tracking**: Log all customer interactions through phone calls api.
- **Sales Pipeline Management**: Visualize and manage the sales process, at initial and follow up.

2023 February (present)

Dot Net Developer | MAFIL IT | Thrissur

- **Application Development**: Developed and maintained enterprise-level web applications using ASP.NET Core and C#, delivering robust and scalable solutions.
- **Database Management**: Created and optimized Oracle PL/SQL databases, including writing complex queries, stored procedures, and triggers to ensure efficient data storage and retrieval.
- **Security Implementation**: Implemented security best practices, including authentication and authorization mechanisms, to protect applications against common vulnerabilities.
- **Code Reviews and Best Practices**: Participated in regular code reviews, promoting adherence to coding standards and best practices within the development team.
- **Agile Development**: Worked in an Agile environment, contributing to sprint planning, daily stand-ups, and retrospective meetings to ensure timely delivery of features.
- **Testing and Debugging**: Conducted unit testing and debugging to ensure the reliability and functionality of applications, reducing the number of bugs in production.

2022 (1 month)

React Typescript intern | Global Infonet | InfoPak

- **Component Implementation**: Assisted in creating reusable and modular UI components, enhancing the overall maintainability and consistency of the application.
- **State Management**: Worked with state management libraries such as Redux to manage application state effectively.
- **Code Reviews and Quality Assurance**: Engaged and contributing to maintain code quality and best practices.
- **Team Collaboration**: Collaborated with cross-functional teams including designers and back-end developers, participating in Agile processes like daily stand-ups , planning and documentation .

2022 (6 months)

MERN Stack intern | NullClass | Virtual

- **First Full-Stack Applications**: Established new web applications using MongoDB, Express.js, React, and Node.js, contributing to both front-end and back-end development.
- **API Integration**: RESTful APIs to facilitate inter communication, ensuring seamless data flow and integration
- **UI/UX** : Worked closely to implement responsive and user-friendly interfaces,
- **Performance Optimization**: Identifying and addressing bottlenecks in the codebase.
- **Code Quality and Reviews**: Code reviews, contributing to maintaining code standards and best practices.

2021 (Initial)

Self-projects | online|

- **Component Structure and JSX**: Build and organize React components and familiarize JSX and lifecycle
- **Hooks and List Rendering:** Built-in Hooks and lists data rendering using map method
- **Event Handling**: Managing user inputs and events with handlers to make components interactive.
- **Conditional Rendering**: Displaying different UI elements based on certain conditions Using JavaScript logic
- **Basic API Integration**: Fetching and displaying data from external APIs. Handling asynchronous operations and managing state updates accordingly. Using packages
- **Form Handling**: Creating and managing controlled components for forms and processing inputs efficiently.

Skills

JavaScript | Angular | React | Node.js | MongoDB|
PL/SQL | Dot Net | Rest API

Tools

Git | Postman | Swager | Visual Studio | VS Code |
Vercel | CodePen | Dev tools etc.

Education

ALGORITHMS AND DATA STRUCTURES MASTERCLASS (2023-2024) | MERN CRASH COURSE (2023)
ENGINEERING DIPLOMA POLYTECHNIC (2019-2022)
IPT & GPT Collage Shoranur | State Board of Technical University