

Dhanusha Nandakumar

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ABOUT

A highly motivated Full-Stack Developer with over 2 years of experience in designing, developing, and maintaining web applications using React.js, Next.js, Node.js, Typescript and MySQL. Passionate about building scalable, high performance applications and contributing to innovative solutions. Skilled in both frontend and backend development, ensuring seamless user experiences and efficient system architecture.

EXPERIENCE

Pumex Infotech Pvt. Ltd. / Software Engineer

Kochi, Kerala | 07/2022 – Present

- Developed and maintained scalable, high-performance web applications using React.js, Next.js, Node.js and Typescript.
- Implemented state management solutions using Redux, Context API, and hooks to improve app efficiency.
- Optimized backend performance with Node.js and MySQL, reducing API response time and improving database efficiency.
- Actively involved in Agile methodologies, collaborating via JIRA, GitHub, Bitbucket, and GitLab.
- Created responsive designs using CSS, Tailwind CSS, Bootstrap, and Material UI.
- Expand knowledge in AWS services.

Pumex Infotech Pvt. Ltd. / Software Engineer Intern

Kochi, Kerala | 04/2022 – 07/2022

- Developed and implemented features for a utility management application, using React.js for the front-end, Node.js for the back-end, and MySQL for database.
 - Utilized ORM (Object-Relational Mapping) tools to streamline database.
 - Assisted in building and optimizing the web pages for a live project using React.js.
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PROJECTS

- **Cloud management Dashboard**
Full-stack developer for an AWS resource monitoring solution that provided comprehensive visibility across the company's cloud infrastructure. Built responsive UI components using React with TypeScript, React Query for efficient data fetching, and Material UI for consistent styling. Developed backend services using Node.js with TypeScript to create RESTful APIs for resource data management.
- **Furniture Management system**
Frontend developer for a furniture ordering and management platform. Implemented interactive interfaces with Next.js, styled with Tailwind CSS, and utilized React Query for optimized data fetching and caching. Created seamless navigation flows that streamlined the ordering process and enhanced user experience.
- **Data management and connectivity application**
Frontend developer for Data management and connectivity application. This application specializes in solving complex challenges for industries operating in remote locations. By integrating connectivity, advanced compute, and real-world AI, we deliver solutions that provide immediate value. Developed with React and TypeScript, it delivers a robust and user-friendly experience.
- **Certification Management Portal**
This web application is designed exclusively for certified professionals, showcasing the certifications and

digital badges earned by users. Built with React.js, it provides a seamless and interactive platform for professionals to manage and display their achievements. I worked as Frontend developer in this application.

- **Utility Management System**
A web-based application developed in React js as front end and Node and mySQL as backend. This project mainly aims to support apartments for their utility management and bill payment. Users can manage utility bills like electricity, water, Maintenance etc.
- **Recipe Finder (Academic Project)**
Recipe Finder is a deep learning project that detects ingredients from uploaded images and suggests possible recipes using those ingredients. It leverages advanced image recognition to simplify meal planning and cooking.
- **Care and Cure (Academic Project)**
This is a web-based application built with React, Node js and MySQL. It provides comprehensive details about hospitals, offers a platform for online consultations, and facilitates knowledge sharing for blood donation requests from users.

CERTIFICATES

- **Next.js 15 & React - The Complete Guide (2024)**
Online course – Udemy

ACHIEVEMENTS

- Earned promotions within 1 year, progressing from Software Engineer Intern to Software Engineer.
- Delivered feature-rich, user-friendly interfaces using React and Next.js, significantly enhancing application performance and user experience.
- Successfully expanded from frontend development to full-stack engineering, taking ownership of both frontend and backend tasks.
- Successfully managed two projects simultaneously—one as a frontend developer and the other as a full-stack developer, meeting all project requirements on time.

EDUCATION

APJ Abdul Kalam Technological University | *Master of Computer Applications* 09/2020 – 07/2022

- Mar Athanasius College of Engineering, Kothamangalam
- Cumulative GPA: 9.11/10.00

Calicut University | *Bachelor of Computer Applications* 08/2017- 08/2020

- Mar Dionysius College, Pazhanji
- Cumulative GPA: 4.44/6.00
- NSS Volunteer

SKILLS

- React JS
- HTML
- Javascript
- Typescript
- CSS
- Node JS
- Next.js
- Tailwind CSS
- MySQL

- MongoDB
- Version Control
- Bootstrap
- Agile development methodologies
- Redux
- Frontend Development
- ORM
- Material UI
- Context API
- AWS
- REST APIs
- React Query

LANGUAGE

- English
- Malayalam

DECLARATION

I hereby declare that above mentioned information is true and I bear the responsibility for the correctness of the above-mentioned particulars.