CHITHAMBARA KUMAR

CREATIVE TECHNOLOGIST FULL-STACK WEB ENGINEER WITH 4+ YEARS OF INDUSTRY EXPERIENCE IN FULL-STACK WEB DEVELOPMENT, APP DEVELOPMENT, CHAT BOT DEVELOPMENT AND CLOUD COMPUTING.

▶▶▶ EXPERIENCE

Software Engineer II - MERN Stack
Honeywell, 2019 - Now

❱ Involved in end-to-end development of a new product from the ground up, working in Node.js to build the React.js frontend and distributed Express.js RESTful API, backed by MongoDB.

❱ Involved in the development of tools for Dashboard building with strong focus on re-usability.

❱ Played a pivot role on optimising Dashboard creation process which use to take **20 - 24 weeks** to **one week**.

Senior Engineer - .Net / MEAN Stack
Mindtree Ltd., 2017 - 2019

❱ Involved in the development and maintenance of the client's major products in the Real Estate,backed by Express and MongoDB.

❱ Involved in design and implementation of Chat Bot, which is currently being used by over **500,000** users and has helped them to get there queries clarified in **few minutes** which previous used to take **2 - 3 days**.

❱ Led an agile software development team of 4 engineers, involving both frontend and backend capabilities, to extend the product in both a technical and disciplinary leadership position.

Software Engineer - .Net FullStack
Mindtree Ltd., 2015 - 2017

❱ Involved in migration of a legacy app, working in C# to build the Angularjs frontend and RESTful API, with SQL database system.

❱ Introduced PDF/ Image based form recognizer which helps users with enriched user experience when interacting with the form.

❱ Form recognizer has reduced users average form filling time from **45 - 60 minutes** to **few seconds**.

❱ Database designing and performance optimization to handle an daily volume of **100,000** database entries.

▶▶▶ PERSONAL PROJECTS

Customizable Chat Bot

❱ Application Developed using React which will help developers develop chat bot faster.

❱ Chat bot can be fully customized by few configuration changes to match the website styles and domain requirements.

❱ **Any one with basic Json and Javascript** knowledge can develop a chat bot easily using this framework.

HTML Generator

❱ Application Developed using Azure Custom Vision API.

❱ Takes Wireframe as an input and converts it into an html page using a custom lay-outing algorithm which uses bounding boxes from the api response to position the elements.

Attendance System

❱ Implemented using Azure Face API.

❱ Detect user's face and add appropriate time in and time out of an employee.

❱ Application can be easily extended and can be used for authorization and access control system as well.

Emotion Based Music Player

❱ Detect emotion Using facial express, tone and user utterence.

❱ Creates a playlist of song matching user emotion and has ability to learn based on user preference.

❱ Demo of the App - youtube.com/watch?v=UqpVLA3FQns .

▶▶▶ EDUCATION

Electrical And Electronics Engineering
Panimalar Engineering College, 2011 - 2015

High School (Computer Science)
Vyasa Vidhyalaya Hr. sec. School, 2009 - 2011

CONTACT

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TECHNOLOGIES & SKILLS

C#

Win Form, WPF

ADO.Net, Entity Framework

ASP.Net MVC, Linq

HTML, CSS3, Javascript

JQuery, Ajax

Angular 1.5, Angular

ReactJS, React Native, Redux

Jest, Enzyme

NodeJS, Express

Azure, Active Directory

Function App, Logic Apps

Bot Framework, QnA Maker, LUIS

Face API, Custom Vision API,

Emotion API

Sql Server, Mongo DB,

Cosmos DB

TOOLS

⑂ GIT ⑂ TFS

⑂ SourceTree >_ Terminal

ACTIVITIES