

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

- » Designed and implemented 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**.
- » Agile-style collaboration with project/product managers and UX/visual designers.

Senior Engineer - .Net / MEAN Stack

Mindtree Ltd., 2017 - 2019

- » Designed and implemented new features across back-end, web front-end API, including system structures and user interfaces.
- » Designed and implemented 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**.
- » Supported cloudifying to Amazon Web Services.

Software Engineer - .Net FullStack

Mindtree Ltd., 2015 - 2017

- » Involved in migrating legacy Apps to AngularJS.
- » Designed and implemented PDF/ Image based form recognizer which helped users 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 to support new enhancements and performance optimization.

»»» 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 to match the website styles and domain requirements.
- » **Any one with basic Json and Javascript** knowledge can develop chat bot 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 utterance.
- » 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

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

