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MADHAIYAN

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SUMMARY

Detailed-oriented, responsible and committed engineer, with a get-it-done, on-time and high-quality product spirit and more than a year of experience defining requirements, designing, implementing, testing and delivering complex back-end and web applications using various programming languages and technologies

SKILLS

Programming

- Languages – C, C++, JAVA, Node.js
- Web – HTML, CSS, JavaScript, Angular, Bootstrap, jQuery, Handlebars, ejs
- Mobile – React Native
- Databases – MySQL, MongoDB
- Data Structures and Algorithms

Tools and Technologies

- AWS (Amazon Web Services), Google Cloud platform, Digital Ocean
- WebRTC, Apache Kafka, Redis, Elastic Search
- PEGA 7.2
- Android Studio
- ADOBE – Dream Viewer, Photoshop, After Effects, Premium Pro, Illustrator, InDesign
- AOEMI Backupper, PDQ Deploy
- Sketch

Operating Systems

- Windows – Client Machines and Server Machine (Server 2008)
- Linux – Ubuntu, Fedora
- Mac – OS X Mavericks, macOS High sierra

EXPERIENCE

Full Stack Engineer | Strakin Technologies Pvt Ltd
2018 – PRESENT

Name of the project: Glukoin Mobile Application

Project Description

• Glukoin powered labs can push live status to you, which helps to plan your day better.

• Collect all your lab reports or create manual reports organize all your health reports in a single place

• Visuals are very intuitive, we show all the lab test and the risk indications visually. You get the insights into your health in seconds

• Diabetic is one of the top chronic diseases, we help people who have diabetic by tracking the glucose level across the timeline. Which helps users to see how glucose level fluctuates across the timeline

Roles and Responsibilities

• Full stack development

• Started from scratch to publishing

• Managing the app release in Google play store

• Managing the app release in Apple store

Technologies / Tools Used

• React Native, Node.js, MySQL

• Sketch, Zeplin, Adobe Illustrator

Project Link

https://play.google.com/store/apps/details?id=com.strakin.glukoin

https://apps.apple.com/in/app/glukoin/id1467328465

Name of the project: 121Event

Project Description

121EVENT is complete solution to Automate conference booking and QR validation. This mobile application has been designed for Conference staff to monitor the booking status. Scan QR for ticket validation and get instant attendance report of the participants.

• Go paperless with QR based ticketing & Mobile QR validation

• Check booking summary like number of registrations done, total amount collected, etc., …

• Check the booking history and previous invoices

• Live ticket status

Roles and Responsibilities

• Requirements gathering

• Design & Developed React Native Application

• Managing the app release in Google play store

• Managing the app release in Apple store

Technologies / Tools Used

• React Native, JavaScript, Adobe Illustrator

Project Link:

https://play.google.com/store/apps/details?id=com.one2one

https://apps.apple.com/us/app/121event/id1467348070

Name of the project: GLUKOIN ®

Project Description

Glukoin helps diabetic people to manage their health better and constantly tracks their health and provides single place to manager their data.

• Manage all your medical records

• Visual reports

• Invite friends and family and build community

• Live update of your lab report status

• Share reports with your friends and family

• Track your diabetic

Roles and Responsibilities

• Full stack development

• Production Deployment

Technologies / Tools Used

• Node.js, Angular 4/6, MySQL

• Redis, WebRTC, HAProxy, Digital Ocean

• Adobe Photoshop, Adobe Illustrator, Adobe After Effects

Project Link

https://glukoin.com

Name of the project: EDI Portal

Project Description

• Developers subscription management for EDI's different financial data service products

• API Usage stats for developers

• Admin portal for EDI to manage developer subscriptions

Roles and Responsibilities

• Full stack development

• From scratch to deployment

Technologies / Tools Used

• Handlebars, jQuery/AJAX/HTML5/CSS3, Bootstrap

• NodeJS/Express/MongoDB Server, TYK

• Docker, Kubernetes, Google Cloud Platform

• Adobe Photoshop, Adobe Illustrator, Adobe After Effects, Sketch App

• Java, Spring Boot

Name of the project: GLIMS

Project Description

Glukoin Lab Information management system is simple and smart lab workflow management

• Smart Billing

• Easy Workflow management

• Role-based access to staff

• Dynamic print configuration

• Smart and easy revenue report

• Multiple branch management

Roles and Responsibilities

• Full stack development

• Production Deployment

Technologies / Tools Used

• Node.js, Angular 4/6, MySQL

• MariaDB Galera Cluster, Digital Ocean

Project Link

https://glukoin.com/#/lims

Designed and developed STRAKIN website.

Technologies / Tools Used

• HTML, CSS, Bootstrap, JavaScript

• Adobe Photoshop, Adobe Illustrator

Project Link

http://strakin.com

Software Engineer | Strakin Technologies Pvt Ltd
OCT 2017 – FEB 2018

Name of the project: WebRTC Implementation

Project Description: Learned and developed one-to-one peer video conferencing.

Responsibilities

• Stream video from your webcam, Stream video with RTCPeerConnection

• Use RTCDataChannel to exchange data

• Set up a signaling service to exchange messages

• Combine peer connection and signaling

Technologies / Tools Used: JavaScript, Redis, HAProxy, HTML, CSS, Bootstrap

EDUCATION

Bachelor of Engineering | Chennai Institute of Technology
2014 – 2018

Computer Science Engineering

8/10 CGPA

Higher Secondary Course Certificate | Annai MHSS Nambipatty Harur
2012 – 2014

State Board, Tamilnadu

Secured 85.33%

Secondary School Leaving Certificate | Annai MHSS Nambipatty Harur
2010 – 2012

State Board, Tamilnadu

Secured 88.8%

CURRICULUM PROJECTS

Web application Development | Startup Village | Full Stack Development
DECEMBER 2016 – DECEMBER 2016

Developed a website for competitive exams preparation and practice.

URL: http://www.learnfromzero.co.in

Technologies Used: HTML, CSS, JavaScript, Java, JSP, Servlets, MySQL

Website Development | College Fest | Front End Development
FEBRUARY 2017

Developed a website for HACKERZ symposium in our college.

URL: http://www.hackerz2k17.co.in

Technologies Used: HTML, CSS, JavaScript

Web application Development | Smart Upgraders | Full Stack Development
AUGUST 2017 – OCTOBER 2017

Developed a web application for online printing.

URL: http://smartupgraders.com

Technologies Used: Spring Boot Application, MySQL, AWS

Source code: https://www.github.com/jothibasuofficial