Ronak Suresh Karani

Bachelor of Engineering in Information Technology

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❖ OBJECTIVE:

Looking for a challenging role in software development that involves problem-solving, designing & implementing innovative solutions, provides an opportunity to grow and learn new things.

❖ RELEVANT EXPERIENCE:

■ **Software Engineer - *GEP***   **(AUG 2020 - Present)**

As a software engineer at GEP, I primarily work on Dotnet, Angular, and Azure related tech stack. A few key areas of the product that I contributed to are internationalization of product, enabling pdf exports of records (optimized pdf generation to support more than 1 lakh rows of record from around 10k rows previously and also reduced processing time from 5-10 minutes to few milliseconds), and fixing high-risk security defects.

■ **Full Stack Intern - *Atulsia Technologies***   **(JUNE 2019 - AUG 2020)**

During my internship at Atulsia I was associated with two clients. Big highlights of my work as intern was developing complex svg animations which were a major blocker in the delivery and a critical feature of product, designed a full module of the product, from database design, to user interface, to business logic, to apis to be consumed on the web & mobile.

❖ PROJECTS: **more projects** 🔗

■ **Task Manager / CRM for CA firm**   *Django, React JS*

Developed software for a CA firm to help them manage, track, review, approve the tasks, documents, invoice, billing, payments, and also manage employees & clients data.

■ **Garbage Profiling App**   *Python, React Native, Neural Networks*

Developed an app based on neural networks with friends which gives ratings to cities based on waste segregation and plastic usage. In our team I was responsible for designing the architecture of the system which involved a mobile app, web app, firebase, rest apis and deep learning models, developing the appropriate logic for rating the cities based on output from deep learning model, developed the required backend apis and worked with the react native team and deep learning team for integrating the apis.

■ **Exam Portal** 🔗   *Laravel, jQuery, Bootstrap*

As a side project, I developed a web application to conduct MCQ based examinations. Developed features like exam registration, tracking exam time and state on server for every student, automated answer checking, evaluating score, rank calculation, sending automated score, registration mails etc. Also developed admin side for exam, question, choices creation and marking the correct answer for automated evaluation (with support for multiple correct answer questions) and publishing the exams for students.

■ **Tic Tac Toe Game** 🔗   *Javascript*

Designed a web version of the popular board game Tic Tac Toe, added extra features like maintaining history of the games played with scoreboards.

❖ TECHNICAL SKILLS / TECHNOLOGIES:-

Python, Flask, Django, Js, ReactJs, Laravel, HTML, CSS, Bootstrap, jQuery, Dotnet, sql, mysql db, sql server db, Git

❖ EXTRACURRICULAR / ACHIEVEMENTS:-

■ **Winner -** Nation level Smart India Hackathon 2019

■ **Super team award** - Team Lead in Deep Blue Competition and won the super team award for consecutive two years (2019 & 2020).

❖ INTERESTS:-

Programming, Distributed systems, History, Sports