

NAVNEET SINGH GILL

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SKILLS SUMMARY

- 4 years of industry experience as a software developer, mostly iOS application development
- Implemented 25+ projects based on MERN stack, iOS, System programming and more
- Worked on multiple design patterns like MVC, VIPER, Factory and more
- A self-driven personality who always strives to enhance skills
- Familiarity with various programming languages which helps to understand any application better

PROFICIENCIES:

Languages: Swift, React, Python, SQL, Node.js, C, Bash, Objective-C, Java

Database: MySQL, NoSQL MongoDB

Tools: Git, JIRA, Confluence, GitHub, AWS, Heroku

Subjects: Data structures, OOPs, Algorithms, Ad. Systems programming

EDUCATION

Master of Applied Computing

Sep 2019 - Present

University of Windsor, Windsor, ON

Bachelor of Engineering, Information Technology

June 2011 - May 2015

Rajiv Gandhi Technical University, Bhopal, India

WORK EXPERIENCE

Software Engineer

Aug 2018 - July 2019

CasaDigi, Indore, India

- Front end iOS development of CasaDigi, which is a home automation product
- Active participation in decision making of the product architecture and all of SDLC
- Focused on testing for a more stable product delivery
- Actively worked in the Agile environment to be productive and flexible simultaneously

iOS Developer

Aug 2017 - July 2018

Bestpeers, Indore, India

- Started iOS development at the firm
- Showed leadership and ownership by a team of 2 during the working time
- Worked as a member of a virtual team, based worldwide
- Involved in active documentation in code management tools with Jira, Confluence, and Git

Associate Software Engineer

June 2015 - July 2017

Systango, Indore, India

- Mostly involved in small teams which focused on a fast-paced development
- Participation in backend database structuring for making iOS apps less complex and more intuitive
- Adopted Waterfall method for small level projects

PROJECTS

E-motion Analysis (MERN stack application)

- Used Node.js with express to build the server-side of the app
- Created multiple APIs and React components to serve modularity and reusability
- Data cleaning, processing, and visualisation using JS, and React

Search Engine (Java application)

- Implemented inverted index, ranking using Quick-Select, auto-completion using Trie, spellcheck using Edit-Distance algorithms
- Around 100 web pages were extracted using web crawler

2-player dice rolling game (C application)

- Implemented a socket-based game app in C
- Understood the system calls to handle multiple games separately by child processes
- Created server and client side of the game and tested it over several machines over the internet

Portfolio (MERN stack application)

- After the basic understanding of MERN stack from E-motion analysis I went a step up
- I created a much more modular and cleaner project with as many common components as possible using React
- The project is fully React-based and uses flexbox to tackle the responsiveness
- Learned how to animate and have a deeper understanding of CSS along with view engines in Node

CasaDigi (Home automation product - iOS application)

- Collaborated with the team on how to design and implement CasaDigi iOS Application
- Worked with the backend team to discuss the best way possible for the development of features
- For the most flexibility, myself with my team hand-coded all the required components
- Encouraged use of project management tools within team to keep track of the product effectively

MentalSnapp (Social Wellness app - iOS application)

- Involved in an agile development team with frequently changing requirement
- Implemented required audio/video and used AWS-S3 for storage
- Performed testing to ensure stability

VOLUNTEER

- Held technical workshops/events during the entire working duration for team development
- Accompanied the University developer club for building new products

HOBBIES

- Study technical related articles and do the research required, out of curiosity
- Play chess and computer games