

Abhisek Kumar Gupta

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EDUCATION

HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

June 2021 | Chennai, India

CGPA: 9.2 / 10

LINKS

Github:// [akgmage](#)

HackerRank:// [akgmage](#)

LinkedIn:// [akgmage](#)

COURSEWORK

UNDERGRADUATE

Design and Analysis of Algorithms

Data Structures

Database Management Systems

Operating Systems

Object Oriented Programming

Systems Programming

Software Engineering

Theory of Computation

SKILLS

Experienced:

- Flutter, Dart
- Javascript, Typescript, CSS, HTML
- C/C++

Intermediate:

- Git version control
- Angular

Familiar:

- Go
- Python
- Java

OPERATING SYSTEMS

- Mac
- Linux
- Windows

WORK EXPERIENCE

GENWORKS HEALTH PRIVATE LIMITED

SOFTWARE ENGINEER JULY 2021 - CURRENT

- Developed a Cross Platform Mobile App from scratch using Flutter (Android & iOS) for Women's Health Care which allows users to capture Breast & Cervical Cancer related parameters with ease
- Published Android App in Google Play Store with 50+ downloads **GenVCare**
- Implemented concepts like Debouncing and Infinite Scroll to enhance the performance of App
- Followed best Software Engineering practices by writing Unit Tests and Widget Tests which improved quality of code and debugging process
- Liaised with Product Managers to identify minimum viable product requirements and clearly defined feature sets into well-scoped user stories for individual team members.
- Assessed UI and UX designs for technical feasibility
- Collaborated with panel of 10 doctors from The Federation of Obstetric and Gynecological Societies of India (FOGSI) to bring forth the idea into form of an App

PERSONAL PROJECTS

SORTING VISUALIZER | JS | HTML | CSS

- Designed a visualization tool for visualizing different sorting algorithms like Bubble sort, Insertion sort, Selection sort, Merge sort, Quick sort and Heap sort.
- Users can set their own speed or set any number of elements within given range to visualize sorting process.

PATH-FINDING VISUALIZER | JS | HTML | CSS

- Created a visualization tool for visualizing different pathfinding algorithms like (A*, Dijkstras, BFS, DFS) to find shortest paths between nodes in a graph.

AWARDS

- Received WOW Award from GENWORKS for demonstrating strong technical calibre taking complete charge of the development of GenVCare cross platform mobile app