Abhinesh

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EDUCATION

LOVELY PROFESSIONAL UNIVERSITY

B.Tech(Hons) in Computer Science
2014-2018 | Jalandhar, Punjab
CGPA: 8.71/10

KENDRIYA VIDYALAYA SIKAR

12th | CBSE BOARD
2013 | Sabalpura, Sikar, Rajasthan
Percentage: 72.60 %

NEW INDIAN SENIOR SECONDARY SCHOOL

10th | RBSE BOARD
2010 | Nawalgarh, Rajasthan
Percentage: 86.67 %

HANDLES

Github:// **akgarhwal**
LinkedIn:// **akgarhwal**
Hackerrank:// **akgarhwal**
Hackerearth:// **@akgarhwal**
Codechef:// **akgarhwal**
Codeforces:// **akgarhwal**
Spoj:// **akgarhwal**

RATINGS

Hackerrank: 2176
Codechef: 1864
Codeforces: 1477
Hackerearth: 1306

SKILLS

Programming Languages:
• C# • C++ • PHP • Python
Frontend:
• Backbone.js • CoffeeScript
• jQuery • ReactJS
Databse:
• MySQL • Redis
• Firebase Realtime Database
Others:
• Data Structure & Algorithms
• AWS S3 • Git
• AWS Lambda

EXPERIENCE

SOFTWARE DEVELOPMENT ENGINEER | Optmyzr

Sep 2018 – Present | Hyderabad, Telangana
- Ad Text Optimization which is an optimization and insight tool made to help you break down and review your ad performance data by its components. You can also make changes in bulk to different ad components.
- PPC Policy and Audits builder is a quick and easy way to audit your accounts, specifying the parameters to be considered, and receiving an overall average performance grade to see how everything is doing.
- Multi-Account Budget Optimization lets you track, monitor and change campaign budgets across multiple accounts and platforms (Google, Microsoft, Facebook and Amazon Ads).

INTERNSHIP | Synopsys (India) Pvt. Ltd.

Sep 2017 – Aug 2018 | Hyderabad, Telangana

- Worked on development of a QA system that checks accuracy to qualify the runset, which improved the performance of the system by 300%.
- Used topological sort on tabular data-sets to automate generation of icv runset.

PROJECTS

PUZZLE-X | Android Application

Aug 2016 – Dec 2016 | Jalandhar, Punjab
- It is a mystic square puzzle in which user has to rearrange scrambled image to obtain original image.
- Puzzle-Solver is implemented using Priority Queue and A*-Algorithm with Manhattan distance.
- High-Score is set based on minimum number of moves.

GHOST WORD GAME | Android Application

Jan 2017 – May 2017 | Jalandhar, Punjab
- A game in which players add letter to a growing word fragment, trying not to be the one to complete a valid word.
- The game bot moves are implemented using order-3 Markov model.
- The data structure of dictionary(60K+Words) is implemented using Trie.

ANALYSIS OF INDIAN STATES | Graphical analysis using R

Jan 2017 – May 2017 | Jalandhar, Punjab
- The project demonstrate analysis of populations of Indian states on different levels (children, sex ratio, literacy).
- The analysis indicates improvements needed by states in different categories.
- Yearly analysis of alteration on different levels of population.

ACHIEVEMENTS

2017	1st/823	CodeManthan organised by LPU on Hackerrank
2017	2nd/221	**Code Samurai** competition organized by LPU on Hackerearth
2017	Gold Medal	Hackerrank's monthly contest
2017	7-Silver Medal	Hackerrank's monthly contest
2016	GeeksforGeeks	Selected as campus ambassador of GeeksforGeeks
2014	Rs 4 Lakh	Scholarship worth 4 Lakh was awarded by the university