

Paramvir Singh

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Education

Army Institute Of Technology, Pune,
B.E(Computer Engineering) (C.G.P.A - 8.9)
07/2016 – 11/2020

Army Public School,Lucknow,
Intermediate(PCM with Entrepreneurship)(92.4%)
04/2014 – 05/2015

Army Public School, Lucknow,
Matric(C.G.P.A - 10)
04/2012 – 05/2013

Professional Experience

Schlumberger, Associate Software Engineer
09/2020 – Present | Pune, India
Working on Infrastructure automation using Go and JavaScript. And also carry out day-to-day IaC deployment to the cloud using Terraform.

TIAA, Software Developer Intern
07/2019 – 09/2019 | Pune, India
Implemented the TIAA bank mobile App as Proof of Concept and performed UI testing of it using Espresso(Testing framework).

BlueBricks, Blockchain Developer Intern
Worked on their XPAY(Transactions app) and eKYC application.

Skills

C++/C/Java
STL, File Handling, Socket Programming, OOP, Exceptional Handling, Templates, Threading, Serialization.

Data Structure
Arrays, Stack, Queue, Heap, Linked list, Tree, Graph, Trie, BIT, Segment Trees, DSU

Algorithms
Sorting, Searching, Greedy(Prim, Kruskal, Dijkstra), Pattern Searching(Rabin-Karp, KMP), Bit and Graph(DFS, BFS, Topological Sort)

Databases
MySQL & MongoDB

Cloud Services
Azure & Google Cloud

Editors and Tools
VsCode, Sublime ,Git, Azure DevOps,Terraform

Data Science
Linear Regression, Naive Bayes, k-mean Clustering, Apriori , Decision Trees

Projects

Resume Selection and Summarizer
Extracting important information from the semi-structured text format in a curriculum vitae or resume and ranking it according to the preference of the associated company and requirements. Implement using NLP(Natural language Processing and decision tree algorithm).

TinyURL
A URL shortener is a simple tool that takes a long URL and turns it into a simple and short URL.Implemented using NodeJS, MongoDB(Database) , Nginx(Web Server) and used Jmeter for Load testing.




PeerChat
Created a messenger like WebApp with an emphasis on user privacy and data security using Ethereum(Blockchain), Solidity(Smart Contract) and Truffle(Developing Dapp).

Dictionary
Utilized Trie data structure for finding the meaning of input string and it can also suggest words based on certain prefix, implemented in C.

Courses

Database Management System , Operating System, Object Oriented Programming , Computer Networks, Information and Cyber Security

PROFILE LINKS

- **Codeforces**  - [_FLICKER_](#) (1515 - **Specialist**)
- **Codechef**  - [mole](#)(1979 ~ 5* Codechef)
- **Hackerearth**  - [mole](#) (1507)

ACHIEVEMENTS AND ROLES

- **Winner Of Rajkot Smart City Hackathon (07/2017 – 08/2017).**
- **Qualified Google CodeJam Round – 1, (2020,2021).**
- **AIR 44 in NCAT(National Creative Aptitude Test).**
- **AIR 28 on Johnson & Johnson Coding Hackathon**
- **Received many scholarships like UdChalo, Tata Merit, and AWES Scholarships.**
- **Competitive Exams (2016)** Cleared JEE Advanced and AAT for admission into IITs. All India 587 rank in State Engineering Exam.
- **Secretary of Open Source Club (07/2018 – 12/2019).**
- **Joint Secretary of Maths Club (07/2017 – 05/2018).**

Interests

Competitive Programming, Online Games, Travelling, Reading Blogs, Event Management.