github.com/iprakhar22
iprakhar22.github.io/me

PRAKHAR VAISH

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WORK EXPERIENCE

Intern   **Liquid Hub**   **Summer 2018**

- Worked on a geolocation and radius-searching application for the internal use of the company.
- Built in Java using Spring Framework. Uses Google Maps API, Bootstrap framework and SQL Database.
- Implemented a service that tracks the user's current location and suggest addresses for the location.
- Designed a radius-searching service to find and track users within a radius.

EDUCATION

BTech + MTech Integrated – CSE   **JIIT, Noida**   **2016 – Current**

- Current GPA: 7.4
- Courses include: Algorithms and Problem Solving | Operating Systems | Blockchain Technologies | Database and Web Development.

Primary and Secondary Education   **Delhi Public School, Ranipur**   **2001-2016**

- Completed 12th in 2014 from CBSE board with 90% marks in Boards.
- Completed 10th in 2012 from CBSE board with 8.6 GPA.

COURSE PROJECTS

- **Site Selection for Spatial Data:** Application of the Sensitivity Analysis Model to build a site selection system. Uses multivariate regression and DBSCAN algorithms. Built using python, matplotlib and sklearn.
- **JC-62 Simulator:** Simulation of architectural workflow of the theoretical machine JC-62. Built in Python and Tkinter framework.
- **Puzzle 8:** Artificial Intelligence for the famous Puzzle-8 game solver using A* Algorithm and Heaps. Created in C++ using OpenGL and GLUT frameworks.

ACCOMPLISHMENTS AND AWARDS

- **ACM ICPC Online Round India (2018 – 2019)** - *158/3282 National Rank.*
- Qualified for ACM ICPC **Amritapuri Regionals** (2018 – 2019)
- **RapidFire Converge, JIIT Sec 128 (2020)** – *1st Position*
- **CodeFight Converge, JIIT Sec 128 (2020)** – *2nd Position*
- **Procon Junior Online Round, IIIT Delhi (2018)** - *34/695 Global Rank*

- **PROGRAMMING PLATFORM PROFILES :**
- CodeChef : 5 Star (**2091** max rating) - *codeforces.com/profile/iprakhar22*
- Codeforces : Expert (**1747** max rating) - *codechef.com/users/iprakhar22*
- StopStalk profile : Over 750 problems solved - *stopstalk.com/user/profile/iprakhar22*

LANGUAGES AND TECHNOLOGIES

- C/C++; Java; Python; JavaScript.
- HTML/CSS; Mongo dB; SQL; Node.js.

OTHER INTERESTS

- **Film and Music Production:** Dada Saheb Phalke Award Winner. 2x CBSE Film Making Competition Winner.
- **Sports:** State Level Basketball Player; Track Sports Medallist.