

Rahul Khairwar

Curriculum Vitae

A-101, Shah Heritage
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Profile

Computer Science Engineering graduate from National Institute of Technology, Calicut. Good knowledge of Data Structures and Algorithms through regular participation in competitive programming contests, since 2015.

Programming Achievements

ACM-ICPC **Chennai Onsite Regionals 2016-17.**

Attained 42nd rank.

Drishti'17 **Dream Codex, NIT Calicut.**

Attained 1st rank.

Tathva'16 **Hackaholic, NIT Calicut.**

Attained 2nd rank.

Others **Online Competitive Programming Websites.**

- **Codeforces**, Highest Rating : **1732 (Expert)**
- **Codechef**, Highest Rating : **2060 (5 Stars)**
- **Topcoder**, Highest Rating : **1285**

Work Experience

January 2019–present **Software Developer**, ZILINGO, Bangalore.

October 2018–present **Part-time Freelancer.**
Small freelance projects in C/C++/Java

July 2017– **Analyst**, DEUTSCHE BANK, Pune.

- December 2018
- Developed an automated script for updating multiple JSON files with data, which saved 2 hours of work every time new data has to be added.
 - Worked with Java Servlet, JSP, AngularJS to build a web interface for displaying, filtering, and storing efficiently, data required for an internal DB product.
 - Worked with Java and Apache Kafka's Java API for another internal DB product.

April 2016 – **Android Developer for a Startup.**

- May 2016
- Created the complete user interface from scratch of an android application, for an Indian start up company Toud, based in Bangalore.
 - Also used some open source solutions for image processing and caching like Picasso.

Projects and Developments

- March 2017 – **IntelliJ IDEA Plugin to automate testing for Codeforces Contests.**
May 2017 Used IntelliJ IDEA API and Codeforces API to create a plugin for IntelliJ that automates the testing process of all sample tests for Codeforces contest questions.
Link to project : <https://github.com/rahulkhairwar/cp-made-easy>
- December 2018 **Automated Cricket Commentary for Whatsapp.**
Wrote a Python script to automatically fetch scores and commentary of a live match from ESPN Cricinfo, and send them to multiple Whatsapp contacts at regular intervals.
Link to project : <https://github.com/rahulkhairwar/automated-whatsapp-cricket-commentary>
- October 2018 **A Tennis Search Engine.**
– November 2018 Built a simple search engine in a group of 3, that's for all things related to Tennis using Node.js, ReactJS, MongoDB(using mLab).
Link to project : <https://github.com/rahulkhairwar/tennis-search-engine>
- October 2015 **Restaurant Online Ordering Project in PHP.**
– November 2015 Created the project using PHP and MySQL.
Link to project : <https://github.com/rahulkhairwar/Restaurant-Management>

Education

- 2013–2017 **National Institute of Technology, Calicut, Computer Science Engineering.**

Technical Skills

- Languages Java, Android, Node.js, C, C++, PHP, Python, Swift(Basic)
- IDEs/Utilities IntelliJ, Android Studio, Visual Studio Code, Git
- OS MacOS, Linux, Windows
- Worked With SQL, MongoDB, JSON, XML

Certifications and Qualifications

- Coursera **Graph Search, Shortest Paths, and Data Structures, by Stanford University.**
Certificate : <https://www.coursera.org/account/accomplishments/certificate/YJ83BGX8JBMA>
- Divide and Conquer, Sorting and Searching, and Randomized Algorithms, by Stanford University.**
Certificate : <https://www.coursera.org/account/accomplishments/certificate/4B93SPLQJSMB>
- SEED **Advanced Java, Mumbai.**
- Infotech **Android, Mumbai**
Oracle SQL, Mumbai

Hobbies and Interests

- **Charcoal Sketching.** Some of my work : <http://www.touchtalent.com/artist/289851/rahul-khairwar>
- **Cooking,** Table Tennis, reading about new technology, listening to music.