Nikhil Raina

1. nikhil.raina5013@gmail.com
2. 5853559751
3. https://www.linkedin.com/in/nikhilraina-info/
4. https://github.com/nikhil-raina/
5. Fifth-year software developer simplifying effort with automation. I am passionate about algorithmic optimization, data structures and data analysis. I thrive in a "hands-on-and-test" environment. In my free time, I like to watch anime, perform in and for RIT Bhangra, cook and exercise. I enjoy learning new things as it excites me. I stress upon a simple rule of mine. To learn effectively; know how not to fail by daring and exploring than staying calm and orderly. Looking forward to obtaining a Software Engineering position in the development and testing of software products and computer systems
6. Available from May 2021
7. Skills
8. PROGRAMMING LANGUAGE
9. Java
10. Python
11. JavaScript
12. TypeScript
13. MIPS
14. C
15. SQL
16. SOFTWARE
17. Charles Proxy
18. Postman
19. CouchDB
20. Jira
21. MATLAB
22. Docker
23. SourceTree
24. Version Control
25. React Native
26. PostgresSQL
27. OTHER
28. Agile
29. Waterfall
30. Leadership
31. Teamwork
32. Public Speaking

33. Pandas
34. MatplotLib
35. NoSQL
36. Education
37. Rochester Institute of Technology
38. Aug. 2016 to Current
39. BS Computer Science 2021
40. Double Minor: Mathematics and Software Engineering
41. RIT Scholarship
42. Dean's List – Fall 2020
43. Employment
44. Skillz Inc.
45. San Francisco, California
46. SDK Co-Op
47. Jan 2020 to June 2020
48. Used JIRA Atlassian for creating and planning new and old features within the SKillz Platform.
49. Used Typescript and Charles Proxy for code translation from iOS and Android to React Native (Hybrid).

50. Implemented 2048 game on Skillz Platform.
51. Used Jest Framework and achieved 83.4% test coverage on assigned new features and an increase of 3% overall test coverage including old features.
52. Health Care Original Inc.
53. Rochester, New York
54. Software Engineering Co-Op
55. Jan 2019 to Aug 2019

56. Used NoSQL to reduce document space occupancy by 30% in the CouchDB database.
57. Used NodeJS and Python to create new APIs while updating the server-side, created a CLI to help server-side engineers with creating dummy data, handling API calls and searching through the CouchDB database.
58. Used Typescript with Ionic Framework to introduce 2 new health trackers on the HCO app.
59. Improved Bluetooth connection between app and hardware
60. Improved the UI and behaviour of the app by introducing extra features to make it customer-friendly.
61. SaltyClound
62. Austin, Texas
63. Python Developer Intern
64. Used JS with Django Framework to create an executive summary in ISORA reducing 70% of time lost in data collection and consolidation every meeting.

65. Used Pandas and MatplotLib to create Heat Maps for a visual representation of surveys and feedbacks.
66. Used Python to clean and streamline data from the DB to the frontend developers thus increasing nearly 21% of data transmission speed.
67. Rochester Institute of Technology
68. Rochester, New York
69. Student Lab Instructor
70. Aug 2018 to Jan 2019
71. Grader and TA for CSCI-142 Java Course, which included Data-Structures and implementing algorithms like Dijkstra's shortest path, DFS, BFS, and backtracking algorithm.
72. Conducted office hours in the Tutoring centre and among the top helpers.
73. Projects
74. Infoe.me
75. May 2020 to current
76. React Native App allowing users to display their portfolio to potential employers. It primarily aims to create and edit resumes on the go by adding an extensible amount of customization in order to personalize the experience of showing yourself off.
77. Cookin Tine
78. Apr 2020 to Current
79. React Native app finally making food wait for you. A collaborative project to enrich the experience of users by allowing them to be able to cook food with only the ingredients they have at home and also allow their cooking to get published for a dividend.
80. Real Estate Database
81. Aug 2018 to Dec 2018
82. A Real Estate group project in the form of a CLI that is written in Java. It connects to PSQL database and allows the user to perform the basic and immediate functions of a database by making the experience highly interactive.
83. Path Builder
84. Jan 2017 to Apr 2017
85. Team of two where we designed a bot for a game called Path Builder. Used Graphs with the Dijkstra's algorithm and Breadth-First Search to determine where the bot should play on the board on its turn.
86. Activities
87. RIT Tiger Bhangra – Member
88. Sept 2018 to Current
89. Oasis – Vice President
90. Sept 2017 to Dec 2018
91. Habitat for Humanity – Vice President
92. Jan 2015 to 2016