

ARITRA KAR

JUNIOR DEVELOPER

DETERMINED | MOTIVATED | DILIGENT

ABOUT ME

I'm an excellence and results-driven, proactive, decisive team player. While naturally introverted, I enjoy taking on leadership roles as much as possible. I observe people and situations and also make strategic decisions, especially when under pressure. I'm ambitious about artificial intelligence and robotics and want to pursue the same.

SKILLS

TECHNICAL SKILLS:

Languages: Python, JavaScript, Java, HTML5, CSS3, Racket/Scheme

Technologies: ReactJS, Firebase, MongoDB, Node.js, Sass, Git, Pandas, Scikit-learn

Design Tools: Wondershare Filmora, Canva

SOFT SKILLS:

Leadership | Teamwork | Time management | Communication | Creativity

LANGUAGES:

English (fluent), Bengali (fluent), Hindi (fluent in speaking)

INTERESTS:

Hackathons: Hack the North 2020 attendee

Hobbies: I enjoy playing the piano and the violin or reading about business and technology.

REACH ME AT

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LinkedIn: www.linkedin.com/in/aritra-kar

Github: www.github.com/aritrakar

Website: aritrakar.github.io/personal-v2/

EXPERIENCE

MUSIC TEACHER

Slum Jam (Responsible Charity) | February 2019 - June 2018

Taught music to 10 underprivileged children

ROBOTICS TRAINER

Futurite Education | May 2018 - June 2018

Taught robotics concepts to children from ages 8-14 with LEGO EV3 kits and prepared them for various competitions

PROJECTS

Spotify clone - A simple one-page clone of Spotify made using ReactJS, Context API, Spotify API

Jarvis AI - A personal AI voice assistant that uses basic deep learning to classify and respond to user commands. Built using Python and Tensorflow.

Pathfinding Visualizer - A web-app that visualizes the shortest-possible path between two dynamic points, currently featuring Dijkstra's algorithm and A* search. Built using ReactJS.

COVID-19 Tracker - A web-app that displays the latest global and country-wise statistics about the pandemic and visualizes the data using charts and graphs. Built using ReactJS.

Video calling application - A simple group video-calling web-app built using WebRTC API, Node.js, Express.js, Peer.js, HTML5, CSS3.

Loan Prediction model - A simple Random Forest model that predicts whether a loan will be sanctioned or not depending on the different parameters fed to it.

EDUCATION

UNIVERSITY OF WATERLOO, CANADA

Bachelor of Computer Science, 2020 - 2025

- 1B | Honors Computer Science Co-op

SOUTH CITY INTERNATIONAL SCHOOL, KOLKATA

Indian School Certificate, 2009 - 2020

- Indian School Certificate, 2020 (98.75%)

- Indian Certificate of Secondary Education, 2018 (96.0%)