







RAHUL ARASIKERE

Software Developer

 [linkedin.com/in/rahul-arasikere](https://www.linkedin.com/in/rahul-arasikere)
 +91 9901191056
 arasikere.rahul@gmail.com

 [rahul-arasikere.github.io](https://github.com/rahul-arasikere)
 github.com/rahul-arasikere
 [@rahul_arasikere](https://twitter.com/rahul_arasikere)

EDUCATION

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|----------------------------|---|----------------------------------|
| 9/2018 – 5/2022 ongoing | Bachelor's Degree in Computer Science CGPA: 3.04/4.0. | Boston University |
| 2018 | CBSE 12th 93%. | Sindhi High School Hebbal |
| 2016 | ICSE 10th 87%. | Vidya Niketan School |

EXPERIENCE

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|-------------------------------|--|---|
| 6/2019 – 8/2019 | Data Science Intern Developed an automated pipeline for detection of age-related macular degeneration in fundus images captured from Remidio's telematic platform. Model achieved 82% accuracy over 3200 images of various qualities. Python / Keras / Pytorch | Remidio Innovative Solutions Pvt. Ltd. |
| 6/2018 – 7/2018 | Intern Worked with a team of 2 – 3 people in implement AI on top of digital images of renal biopsies to automatically detect glomeruli and display it on the screen to the doctor. Gained technical insight and experience as to how professional companies' function. C++ / OpenCV / Linux | Spectral Insights |
| 5/2018 – 6/2018 freelance | Web Developer Revamped the current corporate website and migrated it to WordPress. Learned SEO and making a website more visible on search engines. PHP / WordPress / MySQL / SEO | Mansha Vacuum Technologies Pvt. Ltd. |
| 7/2016 – 10/2016 freelance | Web Developer Developed the first version of their website. Customized html templates and plugins for WordPress. PHP / WordPress / MySQL | The Rejuvenators |

PROJECTS

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| 1/2020 – 5/2020 | Software Developer Worked with a team of 7, to develop a tab management system for students and scholars to re-search more productively online. 100% of users felt an increase in their productivity and motivation during user research and surveys. Awarded Best Idea and Best Design on SPARK Demo day. JavaScript / React / Firebase | BU SPARK! Fellowship Program |
| 9/2018 – Present | Software Developer Lead and developed a concurrent socket based data acquisition software for custom test stands. Developing RTOS based flight computer firmware for sub-orbital launch vehicle. Worked on telemetry modules using LoRa. Arduino / C / Python / FreeRTOS | Boston University Rocket Propulsion Group |
| 1/2019 – 5/2019 | Junior Analyst Worked within a team of 5 people to analyze and recommend various stocks to the investment committee. | Boston University Finance Club |