Adarsh Mungra

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Email: adarshmungra1@gmail.com | [Linkedin](#) | [Github](#) | [Medium](#) | [Portfolio](#)

Skills

C# | .NET | Java | Javascript | TypeScript | C & C++ | Python | Node | React & ReactNative | Vue | Dart Flutter | NoSqL | SQL | Git | Azure | Angular | English | French |

Experience

SDworx | Internship   ebene | 11/2022-12/2022
- Identified inefficiencies in the existing parking system of the Company's building.
- Collaborated with a 10-person Agile team to analyse and streamline design and development procedures.
  Implemented authentication solutions to reduce processing time and errors.
  Participated in meetings with stakeholders, and product owners to gather feedback and requirements.
- We achieved a 15% improvement in parking-sharing processing efficiency.
  Reduced errors by 20% through automated validation checks.
  We received positive feedback from stakeholders for enhancing the parking system.

Projects

Final year project | Extending BBR for Edge Connectivity for Linux   2023
- Identified latency issues and suboptimal performance in edge connectivity using existing BBR (Bottleneck Bandwidth and Round-trip propagation time) algorithms.
- Conducted a comprehensive literature review to understand current challenges in edge connectivity.
  Extend the BBR algorithm to address the specific needs of edge networks. Implemented and tested the modified BBR algorithm in a controlled environment.
- Improved BBR efficiency, reducing latency by 15%. Validated enhanced algorithm performance in diverse network conditions. Received positive feedback from peers and experts in the field.

React Portfolio Website   2024
React native app | social media | dumpy   2024
Supermarket Item detection and classification | ML   2023
E-commerce website | Mauclo   2022
Database Design | Blood Donor System   2021

Education

University of Mauritius | Bachelor of Science, Computer Science   2020 - Dec 2023
- Second Class (2:2)

MGSS Flacq | High School Certificate   2018 - 2019
- Mathematics: C Physics: D Design and Technology: A

MGSS Flacq | School Certificate   2016 - 2017
- Aggregate: 18