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| **Online Student Portal** | github.com/spandan3/Student Portal |

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| **Caffeine Tracker** | github.com/spandan3/cafflog |

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| **Technical Project Member**  *ADIS* | Oct 2023 – Feb 2024  *Abu Dhabi, UAE* |

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| **High School Prefect** | March 2023 – March 2024 |

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| **Reading for the Visually Impaired** *Hidden Voices India* | June 2023 – Jan 2024  *hiddenvoicesindia.org* |

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| **University of Waterloo & Wilfrid Laurier University** | Expected Graduation, Aug 2029 |

Spandan Chakrabarty | (437)-228-9686 | sbchakra@uwaterloo.ca | linkedin.com/spandan-chakrabarty | github.com/spandan3  
  
Technical Skills:  
- Programming: Python, C, SQL, JavaScript, HTML/CSS, Racket, Bash  
- Frameworks/Libraries: Flask, React.js, OpenCV, NumPy, Pandas, Matplotlib, Scikit-learn, Django, Node.js  
- Developer Tools: Git/GitHub, Figma, VS Code, Linux, PyCharm, LaTeX, Firebase, Tableau, Jupyter Notebooks  
  
Projects:  
  
Online Student Portal  
- Developed a web portal using Python, Flask, OpenCV, and MySQL  
- Automated attendance and photo sorting using AI-powered face recognition  
- Reduced manual processing time by 40% via database integration of face recognition  
- Enhanced sustainability, increasing the accessibility and reducing paper use.  
  
Caffeine Tracker  
- Full-stack web app enabling users to manage their caffeine consumption  
- Used React.js for UI, Firebase for user authentication, database management, and localStorage for data persistence  
  
Recipe Finder  
- Web application for searching and accessing detailed recipe data using Spoonacular API  
- Designed user interface with React.js and styled components  
  
Experience:  
  
ADIS Abu Dhabi, UAE  
Technical Project Member | Oct 2023 – Feb 2024  
- Enhanced UI/UX of “ADIS - Save Water App” using Figma and Flutter  
- Contributed to app launch on Google Play Store and Apple App Store, reaching 100+ downloads in first month  
  
Leadership Experience:  
  
High School Prefect | March 2023 – March 2024  
- Organized school events and led social media campaigns to engage students  
  
Environment Club Secretary | March 2022 – March 2024  
- Conducted surveys gathering 300+ responses on water usage  
- Raised awareness for sustainability coordinating recycling efforts  
  
Volunteer Experience:  
  
Hidden Voices India | Reading for the Visually Impaired | June 2023 – Jan 2024  
- Read aloud competitively for audio recordings  
- Conducted quality checks on recordings  
  
Education:  
  
University of Waterloo & Wilfrid Laurier University  
Bachelor of Computer Science & Bachelor of Business Administration  
Expected Graduation, Aug 2029  
- GPA: 4.0/4.0  
- Courses: Software Development, Algorithm Design, Data Structures, Linear Algebra, Calculus II, Micro & Macroeconomics, Business Frameworks, Time Value of Money