ARYAN ARORA

aryan.arora0303@icloud.com | (778) 751-2337 | Vancouver, B.C., Canada
github.com/aryanarora0303 |

About Me

Experienced Full Stack Developer with expertise in front-end and back-end technologies, skilled in project management and problem-solving. Proven track record of developing user-friendly apps that meet clients' needs. Ready to join talented professionals, create exceptional apps and contribute my skills.

Proficient In

Front End Technologies: HTML, CSS, JavaScript, ReactJS
Back-End Technologies: NodeJS, Django
Databases: MySQL, PostgreSQL, or MongoDB
Cloud Computing: AWS Amplify, Lambda, Cognito, API Gateway, RDMS, DynamoDB etc

Education

BSc Computing Science (Sep'16 - May'22)
Simon Fraser University, Canada

Experience

Full Stack Developer (May'21 - Feb'23)
Aurora Digital Inc.

- Planned and strategized the application architecture of Loyalty Pass, a customized loyalty program solution for restaurants.
- Designed the database architecture and data request and posting endpoints while carefully strategizing business requirements and creating user stories, use cases, and sequence diagrams.
- Created UI/UX for both customer and business/admin apps, ensuring that design was intuitive, user-friendly, and met branding requirements.
- Built front-end using ReactJS, creating components and styling them with TailwindCSS while integrating with the back-end to ensure accurate data retrieval and display.
- Used AWS services like Lambda, API Gateway, Amplify, Cognito, RDMS (using MySQL), and DynamoDB for back-end development, including creating Lambda functions, API Gateway routes, and database tables, and configuring security settings.
- Conducted extensive testing throughout the project to ensure proper functionality and met the highest standards of quality.
- Played a key role in the design, development, and implementation of the Loyalty Pass project, utilizing expertise in programming languages, database design, and AWS services to meet the needs of customers and restaurants.
- Utilizing Figma to design user-friendly and visually appealing interfaces.
- Developing responsive websites that adapted to different screen sizes and resolutions, ensuring a positive user experience across all devices.

- Collaborating closely with clients to understand their needs and requirements and implementing design solutions that exceeded their expectations.
- Delivering projects on time and within budget, while maintaining a strong commitment to customer satisfaction.

Web Developer Co-op (Sep'21 - Dec'21)
National Research Council Canada

- Developed web-based tools for economic and environmental analysis using Drupal 9 and assisted in developing symbols for the web application PI Vision, and supported the integration of Python and R scripts in the PI System.
- Supported the development of Drupal-based websites and assisted the project team with data management, including developing importation scripts in VBA.
- Analyzed the legacy version of OpenLCA and made documentation of installation/update procedures to a major version and ensured all systems were working.
- Worked collaboratively with the project team and applied technical skills to support the development of innovative web-based tools for economic and environmental analysis.
- Gained valuable experience in web development, data management, and report editing.

Full Stack Developer Co-op (Sep'19 - Apr'20)
Cellula Robotics Ltd.

- Designed and developed a Single Page Web Application to track an AUV(autonomous under water vehicle) in real-time using the MERN stack.
- Utilized Waterfall, Agile/Scrum methodologies for requirements analysis, documentation, and project delivery on time.
- Collaborated with Business Development, Control Systems, and Mechanical Teams to design and implement application workflow using Use-Case design and UML.
- Worked with UDP streams and Web-sockets using NodeJS to communicate data to the database via REST Microservices.
- Implemented state management using React-Redux to improve code base maintainability and modularity.
- Designed and developed a web application to generate and validate AUV Mission Files using a GUI, automating mission file generation and providing insight into AUV statistics.
- Gained valuable experience in developing applications using various methodologies and programming languages, working effectively with cross-functional teams, and developing innovative solutions.