



ARYAN ARORA

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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 Loyalty Pass app architecture, catering to customized loyalty programs for restaurants.
- Designed database architecture and request/posting endpoints; created user stories, use cases, and sequence diagrams to align with business requirements.
- Developed UI/UX for customer and admin apps; ensured design was intuitive, user-friendly, and aligned with branding guidelines.
- Built front-end with ReactJS, styled components with TailwindCSS, and integrated with back-end to ensure accurate data retrieval and display.
- Utilized AWS services (Lambda, API Gateway, Amplify, Cognito, RDMS, DynamoDB) for back-end development; created Lambda functions, API Gateway routes, database tables, and configured security settings.
- Conducted extensive testing to ensure proper functionality throughout the project.
- Leveraged expertise in programming languages, database design, and AWS services to design, develop, and implement Loyalty Pass, catering to customers and restaurant needs.
- Designed user-friendly interfaces with Figma that met client and customer requirements.
- Developed responsive websites that provided positive user experiences across devices.
- Collaborated with clients to understand their needs and exceed expectations with design solutions.
- Delivered projects on-time and within budget with a strong focus on customer satisfaction.

Web Developer Co-op (Sep'21 - Dec'21)

National Research Council Canada

- Developed economic and environmental analysis web tools with Drupal 9 and supported PI Vision symbol development.
- Assisted with Python and R script integration in the PI System and data management, including VBA importation script development for Drupal-based websites.
- Analyzed legacy OpenLCA version, documented installation/update procedures for major version, and ensured system functionality.
- Collaborated with project team and applied technical skills to develop innovative web-based tools.
- Gained 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 real-time AUV(autonomous under water vehicle) tracking SPA using MERN stack and Agile/Scrum methodologies.
- Collaborated with Business Development, Control Systems, and Mechanical Teams to implement Use-Case design and UML workflow.
- Utilized NodeJS to communicate data to database via REST Microservices using UDP streams and Web-sockets.
- Improved code base maintainability and modularity with React-Redux state management.
- Automated AUV mission file generation and provided AUV statistics with GUI web application.
- Gained diverse experience in methodologies, programming languages, cross-functional team collaboration, and innovation.