

# JANMEJAY BURANPURI

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## Education

**University of Western University**

*Bachelor of Engineering, Software Engineering*

**September 2018 - December 2022**

*London, Ontario*

## Technical Skills

**Languages:** JavaScript, HTML, CSS, Python

**Frameworks & Libraries:** Node, Express, React, Tailwind, Socket.IO, Mongoose

**Technologies:** GitHub, JIRA, MongoDB, AWS (EC2, Amplify, Serverless Computing with Lambda, S3 Storage)

**Other Competencies:** SCRUM, Software Testing, ReST API Development, CI/CD, UML Diagrams

## Work Experience

### Intelligent Lifting

**January 2023 - Current**

*Developer and Founder*

*intelligentlifting.net*

- Developed a website to offer free workout plans utilizing AWS Amplify to host, scale, and leverage CI/CD pipeline, Tailwind to customize the website, and Next to achieve up to 70% faster loading times
- Identified demand for workout plans that adapt to the consumers muscle recovery needs, bridging the gap between generic plans, and personal coaching, resulting in estimated savings of over \$5,000 per customer per year
- Aimed to capture significant market share within the first year, and achieve annual growth of 30% by adding more inexpensive products like custom made workout plans and meal plans for \$50
- Planned to add a comprehensive learning center on the website, providing customers with education on various fitness topics such as presenting current research, busting common myths, and improving exercise execution

### Kinectrics Inc

**May 2021 - August 2021**

*IT and Cybersecurity Co-op*

*Toronto, ON*

- Utilized knowledge of DKIM, SPF, and DMARC to accurately assess and mitigate phishing threats, protecting employee accounts and sensitive company data with 100% accuracy
- Detected and prevented a phishing attack from a compromised account at a partner company, averting data leaks and saving the company over \$500
- Overcame the challenges of an ongoing chip shortage by managing computer parts inventory and creating depletion schedules to ensure employees can stay productive

## Technical Projects

### FitSync | *React, MongoDB, Express, Node, JIRA, Socket.IO*

- Collaborated in a team of four software engineers to develop an online coaching website using the MERN stack, aiming to provide an online alternative to in-person coaching during gym restrictions
- Performed the role of lead developer and SCRUM master in the development of a website, using JIRA to track and organize two-week sprints, resulting in the successful completion of the project three weeks ahead of deadline
- Integrated Socket.IO to enable real-time communication and file sharing between users and trainers, resulting in increased user retention via greater functionality of the website
- Conducted extensive testing and debugging of the website across multiple devices and browsers to guarantee a seamless user experience

### Music Playlist Library | *React, MongoDB, Express, Node, AWS EC2*

- Collaborated with a developer to effectively plan, design, and implement the a full stack website where users can create and share playlists from an online music archive
- Leveraged express-validator to add input sanitization for the backend to prevent SQL or code injection
- Designed and implemented a visually distinct UI for admins, streamlining access to powerful tools such as deactivating user accounts, hiding reviews on playlists, and handling website policies

### ML Model to Identify Phishing Sites | *Python, Pandas*

- Developed a machine learning model utilizing logistic regression and multinomial naive bayes classifiers to accurately identify phishing sites in a data set containing over 500,000 sites achieving a 96.6% accuracy
- Utilized confusion matrices to thoroughly evaluate the performance of the machine learning models, allowing for the calculation of important evaluation metrics such as precision and accuracy