

Janmejay Buranpuri

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Education

University of Western Ontario

Bachelors in Engineering Science, Software Engineering

London, ON

December 2022

Programming Languages: JavaScript, Python, TypeScript

Frameworks and Libraries: Node, Express, React, Angular, Pandas, Numpy

Technologies: Amazon Web Services (AWS), Unified Modeling Language (UML), JIRA, MongoDB

Software Projects

Sonu Lifts Coaching

<https://github.com/jburanpuri/SonuLifts>

- Developed an e-commerce website using Next.js and Tailwind CSS to sell inexpensive coaching plans helping consumers save money and achieve superior results
- Used Heroku to create a staging and production pipeline for **continuous integration and continuous delivery (CI/CD)**
- Integrated Stripe to process payments achieving **99.99% uptime** and more secure payments
- Operated **Sanity CMS** (Content Management System) to launch, remove and edit products ensuring faster updates
- Created all personalized workout plans using Excel and optimized costs resulting in a **97%+ profit margin**

FitSync

<https://github.com/jburanpuri/FitSync>

- Modeled and programmed an online coaching platform using the MERN stack giving personal trainers the ability to work remotely while **cutting client costs by over 50%**
- Coordinated and **led a team of four software engineers using JIRA** ensuring all project sprint requirements are met on time and workload is split evenly
- Integrated and stored an extensive list of exercises using MongoDB displaying exercise execution, queues, tips, and muscles trained giving the application a competitive advantage
- Built a chat feature using Socket.IO allowing users to message and send attachments directly on FitSync improving the usability and convenience of the application

Identifying Phishing Sites Using Machine Learning

<https://github.com/jburanpuri/Phishing-Learning-Models>

- Trained a model using Logistic Regression and Multinomial Naives Bayes (MNB) classifiers on a csv of over 500,000 sites achieving a **96.6% accuracy** on identifying phishing sites
- Used confusion matrices to evaluate, compare and visualize the performance of each classifier

TNPC Freelance Project

Website for True North Protective Coatings Inc.

- Coded a website for True North Protective Coatings using HTML and CSS advertising their services which generated **\$100,000 in sales** for their Florescent paint

Jam's Treasure Hunt

<https://github.com/jburanpuri/Jam-s-Treasure-Hunt>

- Designed and built a treasure hunt game using Unity receiving a **grade of 95%** for creativity and functionality
- Programmed different menus, levels, objects, pickups, movements, and rendering scripts using C#

Work Experience

Kinectrics Inc.

Information Technology Co-op, Specializing in Cyber-Security

Toronto, ON

May 2021 - August 2021

- Examined email headers by checking SPF, DKIM and DMARC records ensuring emails are safe to open which increased the company's cybersecurity
- Analyzed and solved over 600 IT issues using HelpDesk ensuring fast resolutions, excellent communication and staff satisfaction