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Summary

Full Stack Web Developer seeking to leverage proven technical skills to drive company revenue growth by creating dynamic, high-speed applications and platforms. Industrial automation professional, with extensive knowledge in programming high-end CNC machines, manufacturing processes and CAD drafting, certified in web development by Northwestern University. Excited to create business solutions and provide a better web experience

Technical Skills

HTML, CSS, JavaScript, JQuery, React.js, Node.js, Bootstrap, Materialize, MySQL, MongoDB, Mongoose, Express, Handelbars.js, GitHub, Heroku, Firebase, Adobe Creative Suite

Projects

Sport Adventures | <https://github.com/CD-prog/sport-adventures> | <https://boiling-mountain-96486.herokuapp.com/>

- Peer to peer rental application for sports gear and equipment
- Full Stack MERN application
- React.js - used for managing state, components, routing
- Node.js - JavaScript runtime environment
- Express - web framework for Node.js, server configuration
- MongoDB - database for managing listed items
- Mongoose - ODM library for Node.js
- Axios - HTTP client for browser and Node.js
- Firebase - user authentication, encryption and image upload/storage
- Heroku - application deployment
- animista.net - CSS animations
- Bootstrap - responsive design
- HTML, CSS, JavaScript

Trivia-Night | <https://github.com/CD-prog/trivia-night> | <https://morning-ravine-45125.herokuapp.com>

- Trivia game with persistent profile stat tracking and top scores. It uses Open Trivia DB API and generates a quiz game which consists of ten questions from different categories and difficulty types. User has 90 seconds to answer the questions and get personal stats.
- HTML, CSS, JavaScript
- Node.js - for js runtime
- Express - for server configuration
- Sequelize ORM - DB object relational mapping
- MySQL - data storage

- Handlebars.js - html templating
- jQuery/js - dom manipulation
- Passport.js/Bcrypt - password encryption
- ESLint - to help keep code formatted correctly
- animista.net - CSS animations
- Bootstrap - responsive design
- Open Trivia DB - for question generation

RentSocial | <https://github.com/CD-prog/RentSocial> | <https://cd-prog.github.io/RentSocial/>

- A web page to find rental listings and nearby events.
- The web page is built with HTML, CSS, Javascript-Jquery.
- Materialize CSS framework, ajax, animate CSS, template literals were used to make the webpage responsive and interactive.
- Three third party APIs were used to get the required data.

Weather-Dashboard | <https://github.com/CD-prog/weather-dashboard> | <https://cd-prog.github.io/weather-dashboard/>

- Weather app that uses OpenWeather API to retrieve data for multiple cities, then stores that info in localStorage
- HTML, CSS, Javascript-Jquery, localStorage

Work-Day-Scheduler | <https://github.com/CD-prog/work-day-scheduler> | <https://cd-prog.github.io/work-day-scheduler/>

- A simple calendar app for scheduling your work day. Time blocks change colors based on time of day and info gets stored in local storage once it is saved
- HTML, CSS, JavaScript, JQuery, moment.js, event listeners and localStorage

Experience

Computer Numerical Control programmer
American Custom Countertops

2017 – 2020
Niles, IL

- Programmed, operated, maintained and performed troubleshooting of state of the art equipment:
 - Intermac - MasterStone 4000 - stone/glass cutting, edging and polishing CNC machine
 - Breton NC 300 EVO - 4 axis CNC machining centre
 - Breton SMART - CUT 550 OPTIMA - 5 axis CNC cutting centre
 - Breton SpeedyCut FK NC 800 - bridge saw
- Helped improve the manufacturing process while maintaining company safety standards
- Organized , edited and maintained CAD files for all residential and commercial projects
- Software proficiency: AutoCad, Intermac software (Inter Cad, StoneCam 3D), Cut & Jet Prussiani, Pegasus CAD/CAM BRETON Smartcam +, BRETON Touch, Siemens 840D SL digital NC, Windows, OS X, Ms Office, Networks, Hardware

Computer Numerical Control programmer
Granite and Marble Depot

2008 – 2017
Mokena, IL

- Programmed, maintained and performed troubleshooting of high-end fabrication machinery:
 - PRUSSIANI ENGINEERING CUT+JET+MOVE - 5 interpolated axis CNC saw and waterjet
 - BRETON NC260 – 3 axis granite/marble cutting , edging and polishing CNC machine
- Trained personnel to machinery utilization
- Participated in projects involving the implementation of complex manufacturing equipment
- Software proficiency : AutoCAD, Breton SmartCam +,Neolt MX DIGIT 2000 TEMPLATE DIGITIZER, SIEMENS SINUMERIK NC control

Education

Northwestern University, Evanston - Illinois
Certificate - Full Stack Web Development

Constantin Brancoveanu University, Romania
Bachelor of Science - Accounting and Finance