NATHAN IRVIN
JAVASCRIPT ENGINEER

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EDUCATION

June 2021 to Dec. 2021	**University of Denver** Certificate Full-Stack Coding Bootcamp 24 week intensive Web Development training
Aug. 2007 to May 2012	**Purdue University** B.S. Electrical Engineering Minor - Management

SUMMARY

Problem solving is in my DNA and I have applied that to all facets of my life and career. You'll consistently find me pursuing a solution to a complex problem or researching new tools and languages that may provide more elegant solutions in the future.

SKILLS

LANGUAGES: JavaScript (ES6), HTML5, CSS3, GraphQL, Python
TECHNOLOGIES: React.js, Node, Express, MySQL, MongoDB, Sequelize, Mongoose, Apollo, Handlebars.js, AWS
TOOLS/METHODS: Git, Heroku, Agile, SCRUM
SOFT SKILLS: Problem Solving, Strategic Thinking, Priotization, Interpersonal, Product Development, Risk Management, Process Improvement

EMPLOYMENT

BORDER STATES   Rocky Mountain Region
Utility Application Specialist   Oct. 2017 to Current
Manage and facilitate the sales and support of smart metering, grid edge intelligence and smart infrastructure technologies to electric, gas and water utilities

LANDIS+GYR TECHNOLOGIES   Lafayette, IN
Product Manager - Commercial and Industrial Metering   Aug. 2016 to Sept. 2017
Manage the full life cycle of the C&I metrology and communication solutions - both hardware and embedded software components

                                                                                          Lafayette, IN
Senior Product Specialist   June 2014 to Aug. 2016
Handled regulatory approvals, 3rd party integration projects and meter development projects under sustaining efforts

                                                                                          Lafayette, IN
Electronics Engineer   Jan. 2012 to June 2014
Hardware focused design, testing and failure analysis

PROJECTS

FRIENDS OF TOTO   Nov. 2021 to Dec. 2021
Built web app using React and Material UI component library
Utilized global context for state management with actions/reducers
Utilized bcrypt hashing and JWT for signing/verifying session tokens
Utilized Apollo client to interface with the GraphQL API
Interfaced with AWS S3 Bucket for image/post uploads by the users

OUROBOROS   Sept. 2021 to Oct. 2021
Built Node/Express app following the MVC design pattern with a mySQL database
Built secure user authentication utilizing bcrypt hashing and sessions
Utilized handlebars.js for templating engine
Constructed REST APIs to interface with the database
Interfaced with AWS S3 Bucket for user profile image upload/storage

RSN FINANCIAL   July 2021 to Aug. 2021
Built web app with HTML5, CSS3, jQuery, and vanilla JavaScript
Utilized Foundation styling framework along with Google Font CDN
Utilized browser localStorage to preserve the user's stock watch list
Created custom script to integrate multiple 3rd Party APIs for stock content and currency exchange

WEATHER APP   July 2021 to July 2021
Built web app in 3 days using raw HTML5, CSS3, and vanilla JavaScript
Utilized Flexbox and pure CSS for styling
Created custom script to interface with OpenWeather's API to derive weather in searched locations
Utilized localStorage to preserve the search history