Dinesh C. Patel   (404)513-6072
Cumming, Georgia.   dcpatel1@hotmail.com
                                                          www.dineshpatel.ga
                                                         https://dcp1.github.io
                              www.linkedin.com/in/dinesh-patel-gets-job-done

Objective:
Robust JavaScript Web Development by leveraging competencies and skills gained by transforming engineering projects from 'ideation' to 'commercialization' through prototyping, quality analysis, and exploring and applying new technologies for design optimization.

Skills:
- HTML
- CSS: Bootstrap, W3.css, Semantic UI
- JavaScript: jQuery, Node.js, NPM, Express.
- RESTful Routing
- Git /GitHub
- HEROKU
- MongoDB
- Sublime Text 3
- Cloud9

Competencies:
- Collaboration
- Project Management
- Process Improvements
- Problem Analysis
- Six Sigma

Highlights: (www.dineshpatel.ga, www.dcp1.github.io)

- Designed and developed a website for a shipping business, Easymail, to help customers track UPS and FedEx shipments.
- Increased market penetration by applying Search Engine Optimization (SEO).
- Applied jQuery to build an amazing RGB-color game.
- Built applications with Node.js on Express.js framework.
- Developed Node.js application with RESTful API and deployed on Heroku and GitHub.
- Deployed node.js applications integrating RESTful API on Heroku.
- Published projects including node.js applications and RESTful APIs on GitHub.
- Experienced to apply CSS frameworks like Semantic UI, W3.CSS, and Bootstrap.
- Accomplished DOM and CSS manipulation through JQuery.
- Converted "Proof-of-Concept" ideas into functional and operational systems.
- Proven skills to establish methodologies and processes to perform lifecycle tests to verify, validate, and establish various criteria for given components and systems.
- Experienced to present technical information to technical and non-technical audience.
- Excellent ability to apply analytical, diagnostic, and problem solving skills in fast-paced and cross-functional team.

Experience:
The Coca-Cola Company   1993 – present
Systems Design Engineer
Principal Engineering Technician
Engineering Technician   (Employee/contract/various positions)

Collaboration
- Identified critical technical challenges involving product sold-out, calibration, beverage quality, reliability of components, and integration of software.
  Helped build a team of SMEs to address those key technical challenges.
  Result: Rapid progression of project from 'Ideation' to a 'Field Test'.

- Established criteria to evaluate reliability of new design of package and its impact on overall-system, and beverage quality.
  Facilitated engagement of cross-functional departments for chemical analysis.
  Result: Design of system which minimized mechanical failures while maintaining homogeneity of the fluid inside the package.

Project Management
- Defined software, mechanical, and beverage quality-criteria, developed and wrote SOPs to evaluate those criteria.
  Formed, trained, and managed a team to execute those tests.
  Result: Successful and timely product-launch.

Process Improvements and Procedures
- Identified critical variables affecting slush-development and nucleation, and developed DOEs to quantify and understand those variables.
  Result: Rapid progression of project from proof-of-Concept to field test.

- Developed and performed various performance evaluation tests to understand dispensability and beverage quality.
  Result: Enabled commercialization Freestyle dispenser with about 50,000 plus units.

Problem Analysis
- Designed test-configurations composed of controls, sensors, and instruments to perform various reliability tests.
  Result: Successful executions of various R & D projects through years.

RDCP, INC., Atlanta, Georgia   2008 – 2014
Entrepreneur/Operator
- Increased cash-flow by 100% in 5 years by introducing new products and services, cost reduction, pay-roll management, and re-negotiating various leases and contracts.
- Designed and developed a website for a shipping business, Easymail, to help customers track UPS and FedEx shipments.
- Increased market penetration by applying Search Engine Optimization (SEO).

Education & Certification
B.S. in Mechanical Engineering Technology, (Southern College of Technology, Ga)
Six Sigma Green Belt Training
Project Management Training
The Web Developer Bootcamp by Colt Steele