Parth Pathak

MEAN & MERN STACK DEVELOPER

p_pathak@outlook.com   www.parth.info   (201) 428-7450

Core Qualifications

- Experience working with **Model View Controller (MVC)** framework such as **Angular.js**.
- Intermediate knowledge on **Node.js** & **Express.js** Environment.
- Experience in building pixel-perfect user interface with **HTML-5**, **CSS**, **JavaScript** and **jQuery**.
- Well- versed in Object Oriented Programming (OOP) with JavaScript (**ECMA-SCRIPT 5/6**).
- Extensively worked on **Angular.js 1.5.5** key features such as **Directives**, **Filters**, **Two-way Data Binding**, **Services**, **Routing**, **MVC** and **Dependency Injection** to build **SPA** (Single Page Application) in a clean and maintainable way.
- Hands-on knowledge on architectural flow of **React.js** and **Angular 2.0**.
- Working knowledge in building **React.js** web pages with **JSX**, **React nesting components** and **Virtual DOM** manipulations.
- Experience on bundling files with **Webpack** and using **Babel** for converting JSX/ES6 into regular JS code.
- Having knowledge in developing browser based **Infographics** and **Data Visualization** projects by utilizing **D3.js**.
- Experience in working with Databases like **MongoDB**, **Oracle**, **MySQL**.
- Great experience on creating REST APIs with JavaScript frameworks **Express.js**, **Node.js** and database modeling tool like **Mongoose.**
- Proficiency with **Grunt 1.0.1** and **Gulp 3.9.1** task runner for project management.
- Working knowledge on JavaScript unit testing with **Jasmine 2.6.2** and **Karma 1.7.0**.
- Good understanding of **CSS preprocessors** like **SASS and LESS**.
- Knowledge of **Jenkins** for continuous integration of projects and **Jira** as bug reporting tool.
- Basic understanding of **Agile**, **Scrum** and **waterfall** methodology of **(SDLC)**.
- Excellent communication skills, with an ability to understand the concepts and willingness to learn and implement New Technologies wherever necessary.

Technical Skills

Web Technologies	:	HTML-5, CSS-3, JavaScript, JQuery, Node.js, React.js, AJAX, JSON, SASS, LESS, Webpack, Babel, AWS, Heroku.
Frameworks	:	Bootstrap-3, Angular.js, Express.js, Flux, Redux.
GUI & Editors	:	Brackets, Atom, Notepad++, Sublime Text, Eclipse.
Database	:	MongoDB, My SQL, Oracle.
Languages	:	C, C++, JavaScript, SQL.
Operating Systems	:	Windows XP/2000/2007, Windows 10, Mac OS X.
Version Mgmt.	:	GIT, SVN.
JavaScript Libraries	:	JQuery, JQuery –UI, D3.js.
Methodologies	:	Agile, Waterfall, Scrum.
Debugging Tools	:	React Developer Tool, Firebug, chrome developer tool.
Testing Tools	:	Jasmine, Karma, Mocha, Chai.
Task Runner	:	Grunt, Gulp

Personal Projects

Message App

Single Page - MEAN stack application with CRUD operations. Allows user to create account (signup), login functionality, view user profile, edit the profile, messaging functionality through registered email and reply/delete functionality for messages.

Technologies :

Html-5, CSS-3, JavaScript, Angular 1.x, Node.js, Express.js, MongoDB, Html-5 local storage, Bootstrap-3 and Grunt.js.

Distance Btw Cities App

App allows users to calculate distance (miles) between two cities by road. User can add their origin and destination place. On submit the app calculate and returns the total miles and time required to travel based on Google API call response.

Technologies :

Html-5, CSS-3, JavaScript, JQuery, Bootstrap-3, Google Map API's and JSON.

Education

- *Master of Science, Management Information System (GPA: 3.6)*   May 2017
  Fairleigh Dickinson University, Teaneck NJ

<u>Relevant Course Work</u>

Programming for Internet	Management Information Systems
Statistical Programming	Software Engineering
Big Data with R & Hadoop	Database Systems
Advanced Database Systems	E-Commerce

- *Post Graduate Diploma in Computer Applications (GPA: 3.0)*   May 2015
  Karnataka State Open University, Karnataka India

- *Bachelor in Business Administration (Finance) (GPA: 3.1)*   May 2014
  North Eastern Hill University, Shillong India

Work Experience

Teaching Assistant   Jan 2017 – May 2017
Fairleigh Dickinson University, Teaneck, NJ

- Assist Professor in course Big Data Analysis with Hadoop and R.
- Instruct and monitor students in their labs as well as clears their doubts.
- Grade projects and assignments of students for Big Data course.

Graduate Assistant   Aug 2016 – Dec 2016
Fairleigh Dickinson University, Teaneck, NJ

- Collected and processed admissions information to database system.
- Promoted department through digital marketing.
- Provided quality customer service to students.