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SUDIP PAL

Software Architect, Full Stack Developer

Objectives

Engage myself into the service of the organization where there will be plenty of scope for me to grow and to work in a team contributing the best of me committed and to be a part of organization's endeavor in business.

About me

I am an engineer minded person who prefers practical solutions over theoretical discussions. I do appreciate the effort of those who already invented the wheel, but sometimes I find it more preferable to re-invent the one from scratch.

Education

2007, [Master of Computer Applications \(MCA\)](#)

West Bengal University of Technology, WB, India

2002, [Bachelor of Science with Computer Application \(B.Sc.\)](#)

North Bengal University, WB, India

Professional Career

2020 – Present (Onshore – Cognizant Tech Solutions US Corp.)

- [Finance and Banking Services, Atlanta, GA](#)

- Architecture design and developing fully functional wealth management system
- Design diagram for Cloud secure file upload system using AWS services
- Establishing core concept of re-usable components
- Coordinating and managing 3 onshore and 8 offshore resources and their deliverables as an Onsite UI POD lead under Agile Methodology
- Setup application scan using Veracode, BlackDuck, Sonar, CrowdStrike for vulnerability remediation

2019 – 2020 (Onshore – Cognizant Tech Solutions US Corp.)

- **Retail and Hospitality Group - Hotels, Atlanta, GA**

- Design and developing application architecture
- Project and Jenkins build and deployment pipeline setup with Bitbucket & Artifactory, AWS services on Cloud
- Establishing core concept of re-usable components
- Coordinate and manage 10+ offshore resources and their deliverables as an Onsite UI POD lead under Agile Methodology
- Responsible for introducing new stack upgrade, propose new user experience improvements, hardware interactions with application, POC on touch UI, desktop application
- Maintaining third party app integration like Goggle Maps, Analytics etc.

2015 – 2019 (Onshore – Cognizant Tech Solutions US Corp.)

- **Retail and Hospitality Group - Airlines, Atlanta, GA**

- Creating application architecture
- Project setup and Jenkins pipeline setup with GitLab for deployment
- Establishing concept of re-usable components & directives
- Implement mobile first responsive web templates using bootstrap 4.x
- Configure angular cli and maintaining third party file injection like analytics, ensigten, omniture, logger, foresee, trackjs etc.
- Coordinate and manage 8+ offshore resources and their deliverables as an Onsite UI POD lead
- Following Agile Methodology to implement and manage the project deliverables

2011 – 2015 (Offshore – Cognizant Tech Solutions Pvt. Ltd.)

- **Retail and Hospitality Group - Retail, US**

- Refactoring existing application for performance optimization
- Introducing new modules, implement, integrate and testing
- Implementing Object oriented advanced JavaScript program for client-side application development

- **Banking and Finance - Finance, US**

- Implemented HTML prototypes
- Integrated client-side logic using jQuery
- Integrated static JSON response using Ajax method

2008 – 2011 (Offshore – Mphasis Limited)

- **Banking and Finance – Banking, India**
 - Responsible for creating html prototypes from PSD file
 - Style the webpages using CSS and crop images
 - Implemented client-side logic using JavaScript and jQuery

2007 – 2008 (Offshore – mKlik Mobile Solutions Pvt. Ltd.)

- **Product Development**
 - Responsible for creating module base product UI using HTML and CSS
 - Implemented all client-side functionalities using JavaScript
 - Code optimization, performance improvement of the product

Skills/Experience

- **Web Development**
 - Angular 8.x/9.x/11.x (Frontend logic and delivery)
 - NodeJS + ExpressJS (Backend logic with Rest API)
 - Angular CLI (Compiling configuration)
 - CI/CD (Jenkins configuration with GitLab Repo)
 - Static CDN setup in Adobe CQ DAM with Release Version Controller
 - Angular Material (UI component framework)
 - Bootstrap 4.x (Mobile First Development - RWD)
 - Restful Web Services integration
 - Web Standards & Accessibility implementation
 - Application unit testing (Jasmine, Karma)
 - Application error logging
 - HTML5, CSS3, jQuery, Ajax, JSON, XML, bash
- **Computing Infrastructure**
 - Cloud Server Setup, Serverless Architecture using AWS services like EC2, CloudFront, CloudWatch, API Gateway, Lambda, RDS, S3 etc.
 - Standard HTTP and Reverse Proxy through Nginx
 - CI/CD, Jenkins setup with GitLab repo for automated deployment
 - Maintain multi app instances with load balancer
- **Other Skills**
 - LAMP configuration on cloud
 - MySQL Database and SQL Queries with ExpressJS, expose Rest API

Hobby

- Creating & Contributing to open source projects
- [Photography](#)
- Answering [Stack Overflow](#) questions to help developers.

Location

- Atlanta, GA, USA

Work Authorization Status

H1B with I140