Guhaprasaanth Nandagopal

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LinkedIn Profile || Personal Portfolio || GitHub
Skype: guhan.delta

Summary:

Versatile Full stack Developer with 8 years of experience designing, developing, and managing complex responsive websites and web applications using JavaScript, ReactJS, NodeJS, Python, Ruby, and PHP.

Work Experience:

Consultant Developer (Capgemini, Cognizant, Amdocs):   Mar 2018 – Till date

ReactJS Developer | ArdorIT Solutions, Charlotte, NC:

Working with migrating the website from HTML/CSS to React JS.

- Develop responsive UI using NextJS & React JS and compose unit test cases using Jest.

ReactJS Developer | Wells Fargo, Charlotte, NC:

Worked with developing a UI for a brokerage application using NextJS and React JS.

- Develop responsive UI using NextJS & React JS and compose unit test cases using Jest.

Full Stack Developer | AT&T, Plano, Tx:

Worked with developing a Dashboard application for server utilization analytics using React JS.

- Developed responsive UI using React JS/Typescript, Styled-Components, and Material UI, and GraphQL, with interactive visualizations using ChartJS.
- Deployed the application over Azure and performed stress testing over the API endpoints using JMeter.

Full Stack Developer | Discover Financial Services, Riverwoods, IL:

Worked with developing a Dashboard application for credit card usage analytics using React JS.

- Developed SPA using React JS, Styled-Components, with unit test cases composed using Jest to develop a robust UI to provide seamless experience.
- Designed dynamic API endpoints using Python Flask to provide statistical data for different charts developed using D3.js and ChartJS.

ReactJS Developer | Barclay Card US, Whippany, NJ:

Worked with my team to work on the UI for the credit card portal with some latest features from React 16.8.

- Designed Server Rendered SPA with Next JS & ReactJS, hooks and styled-components for seamless experience.

ReactJS Developer | Express Scripts(Cigna), Franklin Lakes, NJ:

Developed the pages to display the charts visualizing the patient data for different diseases using ReactJS.

- Developed SPA using React JS and Material UI with Unit Testing using Jest to improve UI performance

Full stack Developer | Blue Shield of California, San Francisco, CA:

Worked on developing the Find a Doctor application, using Angular 4/TypeScript and Spring Boot.

- Developed Responsive UI using Angular 4/Bootstrap with Karma to perform unit testing the Angular UI
- Used Java's Spring Boot framework to develop performant API endpoints to deliver data to the app's UI

Cloud Developer | Veridic Solutions, Pleasanton, CA: Nov 2017 – Mar 2018

Worked with migrating on-premises applications to cloud and analytics team with data visualization using Tableau

- Deployed Web Applications into Amazon AWS and developed cookbooks using Chef for deploying services on Hybrid environments, both Windows and Linux.

Front End Web Developer | N2 Services, Jacksonville, FL: July 2017 – Nov 2017

Worked on developing responsive pages for some sections the Florida Blue website using latest features from Angular 4

• Worked with my team in migrating the application UI from Angular 2 to Angular 4 and developed responsive Single Page Applications (SPA) on with Angular 4 Routing.

Graduate Assistantship at Marshall University: **March 2016- May 2017**

Worked for WV state government project and a project for a WV state hospital as a graduate assistant.

Web Developer | Mildred Mitchell-Bateman Hospital, Huntington WV:

Developed responsive web app for the equipment management using Bootstrap and Python Django.

  • Developed a responsive UI using Bootstrap4 and designed the API endpoints using Python Django.

  • Improved the CRUD efficiency of the app on the SQL Lite 3 DB using Django ORM to handle the DB and promptly intimate about new maintenance requests and the periodic maintenance

IOT Developer | WV Aquavit, Marshall University, Huntington WV:

Developed IOT circuit to measure water pH value of Ohio River water and upload it into IBM Bluemix for analytics.

  • Developed a wireless sensor network using Raspberry Pi 3, Arduino, and Vernier Water pH sensor to actively report water pH value, of Ohio River, to the project admin via IBM Bluemix.

Academic Research Projects:

1) Latent Fingerprint Matching Using Minutiae Based Descriptor

A descriptor would be used to make the latent fingerprints more eminent, to make a sketch on the visible portion of the fingerprint for comparing it with the sketches of other fingerprints in the database. The ones that reach the threshold match percentage would be reported to the investigators.

Environment: MATLAB

Personal Projects:

1) Working on developing an eCommerce website using Python Django, with React JS, Stripe JS, AWS and Mailchimp.

2) Developed blockchain apps using Python Flask to create and maintain a decentralized blockchain network using Python Data Structures, RSA Encryption Algorithms and Digital Signatures.

4) Designed a SPA with Headless CMS for a coffee shop using Gatsby JS, React JS, GraphQL and Contentful, with a payment gateway, using Snipcart https://ngp-gatsby-coffeeshop.netlify.com/

5) Designed a Single Page Application with Headless CMS for a restaurant, using Gatsby, React JS, GraphQL, and Contentful and hosted the application over Netlify => https://ngp-gatsby-restaurant.netlify.com/

Technical Skills:

Programming Languages: JavaScript, Python, Ruby, PHP | **Web Frameworks**: Node.js, Angular JS React JS, Bootstrap, Flask, Django, Rails, Laravel | **Interests**: Web Designing, Web Development, IOT.

Education:

- Campbellsville University – Masters in IT Management (May 2022)

- Marshall University – Masters in Computer Science (May 2017)

- Sri Krishna College of Engineering and Technology - Bachelors in Computer Science and Engineering (December 2014)

Activities:

  Start my day with some Jogging and Yoga/Meditation to help me stay fit physically and mentally. A good hike amongst the woods with my friends help me rejuvenate myself and cherish my love for nature.