Mohan Suraj Lakshmi Narayana

Software Engineer

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SUMMARY

Software Engineer with 5 years of work experience who enjoys building optimal as well as cost-effective solutions.

EXPERIENCE

LogMeIn, Arizona, USA — *Software Engineer*

June 2019 - PRESENT

- Architected, developed and tested Customer Engagement solutions including Bold360 chatbots, live support centers and FAQs tools.
- Built and prototyped solutions primarily using REST APIs, JavaScript, Node.js, jQuery, AWS, HTML and AJAX, that helped customers meet business objectives and KPIs.
- Lead client-facing meetings to gather project requirements from over 20 client-companies including Fannie Mae, Canon and Jenny Craig.
- Simultaneously managed multiple customer projects and consistently delivered quality solutions with short turn around time that increased the overall productivity of the team.

FIRST SOLAR, Arizona, USA — *Software Engineer Intern*

May 2018 - Aug 2018

- Developed automation tools that monitor and maintain First Solar's power plants across the globe.
- Implemented a 1-click multi-contacts upload feature for a employee management system using C#, React and Angular.js that improved the task efficiency by ~80%.
- Optimized the report generating system for the power plant sensors - by updating the database schema to efficiently retrieve relevant data using C# and Entity Framework - which saved data access time by 25%.
- Enhanced product quality by optimizing code and fixing bugs, including high priority tickets, that directly impacted the end users.

Aptean, India — *Software Engineer*

June 2014 - May 2017

- Requirement, Design, Code and Test (RDCT) of VpFlex Enterprise Resource Planning (ERP) application that is used by organizations like Coke-Cola, Gillette and Ford Motors.
- Developed an automated tool that converts factory floor layout diagrams from legacy products to the latest version which increased productivity by 50% and eliminated room for human error; Received best performer award for the work.

SKILLS

JavaScript, C# .Net, React, Angular.js, Node.js, MongoDB, jQuery, HTML, CSS, SQL, Python, AWS, Docker, Kubernetes, GraphQL, Jenkins, Git

ACHIEVEMENTS

Runners Up, IT Hackathon 2018, Arizona State University

Treasurer, NerdHerd club, the official IT club at ASU

RELEVANT COURSEWORK

Web Development, Object Oriented Programming, Database Management Systems, Data Structures, Algorithms, Computer Networks, Cloud Computing, Analysis of Big Data, Information Analysis, Modelling, Representation and Software Development for IT

- Developed 5 major controls - using C# .Net, jQuery, JSON, RESTful API, MVC and SQL - that monitor the production line for resource planning which reduced work effort by 60%.
- Overhauled application's UI which led to improved user experience (UX) and workflow for the entire application that is compatible with desktop and hand-held devices.
- Collaborated with a team of 10 people across different countries in an agile (SCRUM) environment.

EDUCATION

Arizona State University, USA
Master of Science, Information Technology

2017 - 2019

Visvesvaraya Technological University, India
Bachelor of Engineering, Computer Science

2010 - 2014

PROJECTS

OSM Mapper (Garmin Ltd.) — *Python, XML, OpenStreetMap*
- Developed a software tool that converts raw location data from OpenAddresses and OpenStreetMap into a unified XML format that incorporates new access locations into Garmin's navigation system.
- This leads to improved GPS accuracy of Garmin devices.

Schedule Management Project — *MS SQL, Python*
- Developed an Inventory management software for Arizona State University's 3D printing lab that reduced lab maintenance efforts by 60%.

Analysis of Crime Data — *AWS, Hadoop Map Reduce, Java, Tableau*
- Worked on a real data set – with 1 million records - that reflects crimes reported in LA since 2010.
- Transformed data into intuitive dashboards that provide useful insights and analysis of past data to help maintain order in the present.

Event e-vite Project — *MS SQL, Python*
- Designed and developed an event invite application with major focus on the development of SQL server database to maintain events data.

Shopping cart prediction — *Scala, Spark, Machine Learning*
- Developed a prototype model that predicts the items in a cart for a user based on previous purchase data using co occurrence analysis.