Umesh Moorthy

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TECHNICAL SKILLS & AREAS OF INTREST

- Frontend : HTML, CSS, Javascript, React
- Backend : Java, SpringBoot, Node.js, Express, SQL, NoSQL
- Deployment : Netlify ,Heroku ,Tomcat
- Environments : Windows, Linux(Ubuntu, CentOS), Mac
- Database : MySQL, CouchBase, MongoDB
- Cloud Services : AWS EC2 , AWS S3, AWS DynamoDB, Google Cloud Storage
- CRM Integrations : DialogFlow ,Twilio
- DevOps : Jenkins ,Bash ,CronJobs
- Testing : Junit ,TestNG
- Tools : VS Code, Sublime, Notepad++, Postman, Eclipse, IntelliJ Idea
- Version Control : Git ,SVN

- Problem Solving ,Data Structures ,Ployglot Development ,Continuous Integration ,Test Driven Development ,Web Development ,Game Development.

- Professional Objective : My Objective is simply to be the best developer I can and contribute to the technology industry all that I know and can do, I am dedicated to perfecting my craft by learning from more seasoned developers, and continuously making strides to learn all that I can about development while adhering to best code practices

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PROFESSIONAL EXPERIENCE

Guvi Zen Bootcamp, Chennai
Full Stack Developer Trainee, Jul 2020 – Present
Technologies Used: HTML ,CSS ,Javascript ,React ,Bootstrap ,Semantic UI, Node.js ,Express ,MongoDB , Netlify ,Heroku ,AWS S3 ,AWS EC2.

Roles and Responsibilities :

- Full Stack Web Development Bootcamp covering Front End Technologies Such as HTML, CSS, Javascript, React and Backend Technologies like Node.js, Express, MongoDB and Deployment platforms such as Netlify, Heroku, AWS.

Servion Global, Chennai
Software Engineer, May 2019 – Feb 2020
Technologies Used: Core Java ,GCP DialogFlow ,AWS Lex ,Node.js ,Javascript ,Cisco Unified Call Studio ,MS SQL ,BSON ,GSON ,MongoDB ,SOAP Web Services,Apache Tomcat ,Twilio.

Roles and Responsibilities :

- Design and Develop Chatbots and IVR applications to enable Omnichannel customer experience.

Projects :

- **Virtual Assistants (ChatBots):**
  Built Interactive, Intelligent and self-learning chatbots using GCP DialogFlow(Api.ai) as the NLP Engine integrated with Skype, Google Assistant, Slack (both text and voice supported) with Intent-Entity mapping depending on the use-case and deployed on Google Firebase(Cloud Functions) enabling webhooks to interact with third party API's.

- **Cisco IVR Application:**
  IVR applications developed using Cisco Unified Call Studio supporting DTMF inputs using a vXML gateway(supporting Text-to-speech functionality) deployed on Tomcat server for banking clients.

Striim, Chennai
Software Development Intern, August 2018 - March 2019
Technologies Used: Core Java ,Shell ,AWS EC2 ,AWS S3 ,Docker ,CouchBase Server ,Microsoft Azure CosmosDB ,MongoDB ,Oracle ,Google Cloud Storage ,Jenkins ,TestNG.

Roles and Responsibilities :

- Design and Develop features to read/write data to various cloud services and databases.
- Work with QA Team to develop and maintain utilities used for automation.

Projects :

- **Package Installer Automation:**
  Automated Jenkins Job to Install and Validate the different packages (RPM ,DEB ,TGZ ,ZIP),of the Striim Product , with support for various OS versions. AWS EC2 instances would be launched dynamically to validate the product on a bare EC2 instance to catch any dependency issues and verify in a fresh customer environment.

- **TestNG Framework :**
  Developed TestNG framework using Java and Shell ,used by the QA Team ,to run Integration Tests both in local environment as well as in Jenkins EC2 environment. The framework includes utilities to interact with the various cloud services as well as databases, which would be used for automation by QA

EDUCATION

- B.E. Electronics & Instrumentation Engineering, Anna University, MIT, 2014 - 2018, CGPA : 6.7/10
- Higher Secondary, Jawahar Higher Secondary School, 2012 – 2014, Percentage : 95.75 %
- Senior Secondary, Pon Vidyashram, 2012, CGPA : 9.2/10

ACADEMIC RESEARCH WORK

- Paper on "Simulation of Human Episodic Memory By Using a Computational Model of The Hippocampus ".

PERSONAL DETAILS

- Date of Birth   : 14-02-1997
- Nationality   : Indian
- Marital Status   : Single
- Languages Known : Tamil, English