Adithya Kalaparti

Full stack Developer at SGB AB

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5ab44113

Free Thinker and Continuous Learner. Adaptive to situations and quick to think for a solution. Worked with Python, HTML, CSS, Javascript, PHP, MySql. Managed backend for an Online WebStore. Good with People and fun to hangout with.

Key Skills

- Docker And Virtualization Tech
- Linux, Bash and Virtual Networking
- Python, PHP, Java, C
- Flask, Laravel, Node Js, Threading
- HTML, CSS, JavaScript, jQuery
- MySQL, InfluxDB, Grafana
- Eloquent Database framework
- Presentation and People Skills
- Kubernetes, Docker Swarm (Orchestration Technologies)

Professional Experience

February 2020 - Present

Full stack developer

Scandinavian Good Business AB, Stockholm County, Sweden

- Work to develop new tools for the Back-end system of the company.
- Solved Adhoc tasks and developed new tools and solutions to aid Customer Service and sales team. Highly adaptible to solve problems and proposed new and simple Solutions to the problems
- Built a report System to help manange the companies finances keeping in mind the complex buisiness model of the company

April 2019 - February 2020

Master Thesis on WebRTC Servers on Orchestration Technologies

Blekinge Institute Of Technology, Karlskrona, Sweden

- The purpose of this thesis is to find out which container orchestration technology serves best for real time media communication purposes.
- We have chosen Kubernetes, Apache Mesos, Docker Swarm as a limit for this thesis and intend to deploy webRTC servers to test their Fault-tolerance, Memory and CPU utilization, Latency, Container overhead to analyze the performance of various orchestration technologies.

August 2017 - September 2018

Master Thesis on Network Mobility Protocols on IoT devices

Blekinge Institute of Technology, Karlskrona, Sweden

- Worked on the PERFORMANCE ANALYSIS OF L3 HANDOVERS IN IoT NETWORKS using Shim6, Lisp and PMIPv6.
- PMIPV6, SHIM6, LISP, HIP, ILNP protocols have been chosen as a limit for this thesis. 6loWPAN Virtual devices using Linux Namespaces were implemented on real Linux system.
- Mobility scenarios were tested.
- The results were inconclusive because the protocols which we have chosen were old and applying them to new IoT devices was not a feasible task. Learned little bit about Linux Kernel building.

June 2017 - September 2017

Internship

Wings Education, Hyderabad Area, India

- Created Responsive Web pages using HTML5, CSS and Bootstrap.
- Worked with Java Servelets, Spring Framework.

June 2016 - September 2016

Industrial skill training

BEING ZERO CONSULTING PRIVATE LIMITED, Hyderabad Area, India

Learnt Java by working with example projects starting with command line based calculator,
random fun fact generator and AWT project for an employee management system.

- Learnt Object oriented Programming concepts.
- Learnt Core Java concepts such as Exception handling and Collections etc.

Education

Master's degree in Telecommunications Engineering
Blekinge Institute of Technology at Karlskrona, Sweden | 2016

Bachelor of Technology (B.Tech.) in Electronics and CommunicationsEngineering
Jawaharlal Nehru Technological University at Hyderabad, India | 2012 - 2015

Intermediate in Maths,physics and Chemistry
Sri Chaitanya College of Education at Hyderabad, India | 2010 - 2012

Central Board of Secondary Education
Vignan jyothi Public School at Hyderabad, India | 2003 - 2010

Projects

Stylized questionnaire form, Animated mcq form

Created a Questionnaire using HTML, CSS, Javascript, jQuery.
Dynamic content, Animations, Auto scrolling, etc.

Front end for Zetratel, Responsive web design

Created a web-page for Zetratel Consulting AB. This was done
using HTML, CSS, Bootstrap. http://zetratel.com/