Satyam Kumar Lala

Member Technical Staff

Software developer with 1 year 8 months experience in the software development process. Involved in web development, product testing, development of new features for the product in an optimized environment.

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WORK EXPERIENCE

Member Technical Staff
Zoho Corporation ⧉

06/2018 – Present   *Chennai, India*

Zoho is a product based company where you can run your entire business with its suite of online productivity tools and SaaS applications.

Achievements/Tasks

- Took ownership in completing restful APIs for Zoho Vault product and objectifying all customer requirements.
- Maintained a consistency in providing a very good customer experience by designing new user interface for the product.
- Reviewed the customer feedback and added new features in the product. This required back-end development and providing new responses as per customer requests.

PROJECTS

Hardware Acceleration In Data Center Workloads (12/2017 – 04/2018)
- The project deals with working on Graphics Processing Unit for General Purpose computations.
- Generally by using the GPU the programs can be made to work in parallel as there are thousands of cores in GPU.
- Learned new language (CUDA) which runs on GPU to compute the sql queries in parallel which in terms is much efficient than CPU doing the same job in series.

A Smart Street Lighting System Using Solar Energy (06/2016 – 12/2016)
- In this project the idea was to make the street lights to be smart using IOT concepts such as using photovoltaic source, rechargeable battery, and PIR sensors.
- The street lights will work automatically by turning lights ON & OFF based on visibility and will get the source of operation from the solar panels.

EDUCATION

Bachelor of Technology (CSE)
KL University ⧉

07/2014 – 05/2018   *8.4 CGPA*

Senior School Certificate Examination
Surendranath Centenary School ⧉

04/2012 – 03/2014   *86%*

Secondary School Examination
Surendranath Centenary School ⧉

04/2002 – 03/2012   *10 CGPA*

SKILLS

C · C++ · JAVA · JavaScript · MySQL · HTML · CSS · Problem Solving · Python · .NET · CUDA · JQuery · Team player

ACHIEVEMENTS

C Language Championship
Declared Final Round Winner at K.L. University and awarded "Certificate of Merit" by IFC3 INDIA, IIT Bhubaneswar.

OOPS through Java Championship
Declared Final Round Winner at K.L. University and awarded "Certificate of Merit" by IFC3 INDIA, IIT Bhubaneswar

Core Java Course
Successfully completed one month course by Jharkhand Infomedia & Consultancy Services with 'A' grade

Android App and Web Development
Successfully completed one-month Internship training in ICT Division of CMPDI, Ranchi

.NET programming certification
Successfully completed certification course in 40 hours at K.L. University.

Publicity Organizer
Worked as member of publicity organizers in National Level Techno Management Fest Samyak 2017

Python programming certification
Successfully completed certification course in 40 hours at K.L. University

PUBLICATION

Internet of things survey on crop field smart irrigation automation using IOT (05/2017 – 11/2017) ⧉
This paper gives a general survey on Crop Field Smart Irrigation Mechanization utilizing web from claiming things. The paper covers details regarding the basics of Internet of Things and also the importance of Agriculture in a country like India.

INTERESTS

Artificial Intelligence · Machine Learning · Cooking · Video gaming · All kind of Sports · Swimming