

Software Developer, Graduate Assistant Software Developer, Graduate Assistant Grad Student  
Software Developer, LoraineLab.org, UNCC| MS Computer Science Charlotte, NC Authorized to  
work in the US for any employer Work Experience Software Developer, Graduate Assistant UNCC,  
Integrated Genome Browser Lab - Charlotte, NC January 2019 to Present Responsible for feature  
enhancements, bug fixing, testing and documenting Integrated Genome Browser (IGB) an  
opensource, JAVA-based desktop software for bioinformaticians to explore big genomics datasets.  
Designed and Developed IGB-Appstore- a Django based platform using AWS resources like EC2,  
S3 & RDS thereby enabling the publishing of IGB Apps. Practiced agile methodologies using  
project management tools like JIRA. Associate Platform Administrator CA Technologies Private  
Limited - Hyderabad, Telangana June 2017 to June 2018 Developed Amazon RDS Penny Pincher  
to automate the process of stopping RDS instances during non-working hours. It reduced cost of  
non-production instances by 30%. Maintained, monitored and automated databases using Oracle,  
MySQL, sql server and Amazon RDS. Engineering Intern OpenText Technologies India Private  
Limited - Hyderabad, Telangana February 2017 to May 2017 Developed a Proof-of-Concept (POC)  
solution to downsize manual efforts by automating the installation of content management software  
using Docker and Vagrant, thereby reducing man hours from 4 hours to 30 minutes. Responsible  
for testing, debugging and fixing UI (Angular) and backend bugs primarily on Content Server  
(Content Management Software). Software Developer Intern KR Mroads India Pvt.Ltd - Hyderabad,  
Telangana June 2016 to August 2016 Developed and maintained features of mlive- a video  
conferencing interview platform using Angular, Liferay and JAVA. Developed an interface where  
multiple interviewers across locations can query their candidates from a database of the most  
relevant and recent technologies. Education Master's in Computer Science The University of North  
Carolina at Charlotte - Charlotte, NC August 2018 to Present Bachelor of Technology in Computer  
Science and Engineering Jawaharlal Nehru Technological University - Hyderabad, Telangana 2013  
to 2017 Skills DATABASE (Less than 1 year), SQL SERVER, MYSQL (1 year), ORACLE (1 year),  
Amazon RDS (1 year), Linux, Java (1 year), HTML, AngularJS, Python, Java (1 year) Links  
<http://www.linkedin.com/in/vallapureddy-sai-charan> Additional Information TECHNICAL SKILLS:

Languages: Java, Python, C    Web: HTML, CSS, JavaScript, Django, AngularJS, REST    Mobile:  
Android SDK, Maps, Places, Location, Firebase    Tools: AWS(RDS, S3, EC2, Lambda), GIT,  
Maven, OSGi    Database Management: Oracle, SQL Server, MySQL, Amazon RDS  
ACCOMPLISHMENTS:    FlyDubai BotHack Hackathon, First Prize, Chatbot, IIIT- Hyderabad  
ACM-ICPC Coding Contest, Qualified for Regionals, Amrita University - Kerala    ATMOS - BITS,  
First Prize, Line and Wall Follower Robot, BITS - Hyderabad

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