

# Manasa Kanathur

## Personal Details

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## Education

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2016-2020 JSS Science and Technology University, Mysuru, India B.S. Computer Science 8.66 CGPA

## Technical Skills

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C, C++, Java, Java EE (JSP & Servlet), JDBC, HTML, CSS, JavaScript, XML, JSON, Machine Learning, Python, PHP, AJAX, Hibernate, Restful Web Services (JAX-RS), MySQL, PostgreSQL, Eclipse, Tomcat, Git, Splunk, Algorithms, Data Structures, DBMS, Linux

## Experience

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- Intern at Qualcomm, Whitefield, Bangalore, India for 6 months. (Jan-Jun 2020)
- Editor of JSSSTU, Computer Science departmental club "Linux Campus Club". Published LCC's annual technical magazine "Connect". (Sep 2019-Apr 2020)
- Event Coordinator of JSSSTU's 36 hours national level hackathon "HackElite'19". (Sep-Nov 2019)
- Attended a 2 months course on Core Java, J2ee at Uttara Info Solutions, Jayanagar 4<sup>th</sup> T block, Bangalore, India. (Jun, Jul 2017)

## Projects

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1. Home Directory Cleanup Tool: Tool taking inputs of user id, password and hostname to clean up the home directory of users virtual Linux instance which could be one of the reasons for login failure. (Jun 2020, Qualcomm, Bangalore)
2. Access Check Tool: Self-service tool to help users identify the root causes for login failures which will in turn reduce 40% of the incoming support tickets for the team. Tool is available as a link in the company login pages. On entry of user id and hostname, this automated tool performs several checks and provides the user with quick fixes for the identified generic login related issues. (Apr 2020, Qualcomm, Bangalore)
3. Duplicate License Tracking: Python scripts written to track number of duplicate users logged into multiple sessions for a specific date, time and to generate reports automatically for 5G and non 5G clusters. (Feb 2020, Qualcomm, Bangalore)
4. User Registration with Email Confirmation: Registration form data containing name, email, and password is sent to the server via an AJAX call for processing. Checks will be performed on the posted registration form and if they pass, the user will be recorded into the database and the verification email will be sent. (May 2020, JSSSTU, Mysuru)
5. Android ERP Application: Application to help college departments maintain student data efficiently. It has admin functionalities of adding-removing a teacher or student and adding another admin or subject, teacher functionalities of updating attendance, marks and material and student functionalities of viewing attendance, marks and downloading material. (Dec 2019, JSSSTU, Mysuru)
6. Loan Validation Application: Loan validation system that takes loan applicant details as input and determines whether the applicant is eligible for the loan. It uses random forest regression to determine loan status. (Oct 2018, JSSSTU, Mysuru)