

# TEJASWINI KOSUNAM

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## EDUCATION

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<b>M.S - Computer Science</b> , University of Southern Mississippi, Hattiesburg, MS	<b>GPA: 3.8</b>	<b>May 2018</b>
<b>B.E – Computer Science &amp; Engineering</b> , Jawaharlal Nehru Tech. University, Hyderabad, India	<b>GPA: 3.5</b>	<b>May 2015</b>

## SKILLS

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Programming Languages	: C, C++, Java, JavaScript(ES6), Python, PL/SQL
Web Technologies	: HTML, CSS, JQuery, React/Redux (Thunk, Saga), NodeJS, GraphQL
Databases & Technologies	: Oracle SQL, MySQL, MongoDB, AWS, Agile methodologies
Operating Systems	: Windows, Linux(Ubuntu)
Frameworks & Tools	: Jest, Enzyme, Git VCS, Visual Studio Code, Eclipse, Blender

## PROFESSIONAL EXPERIENCE

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### University of Southern Mississippi, Mississippi, USA

**Aug 2017-May 2018**

#### Graduate Assistant

*C++, HTML, Javascript, BabylonJS*

- Developed a web application for visualization and analysis of human brain MRI in 3D with the given 2D dataset
- Tutored and helped students in the lab hours for understanding the concepts of C++ programming language
- Assisted professor in preparing course material, quizzes, and other teaching activities
- Conducted examinations, labs and graded the tests, exams, assignments

### Infosys Limited, Hyderabad, India

**Jul 2015-Nov 2016**

#### Systems Engineer

*Oracle EBS, SQL, PL/SQL*

- Worked on Implementation and Testing of Oracle Applications Release 11i, R12 E-Business suite financial module
- Reduced the overhead of manual comparison and updating, by building a module for data reconciliation
- Involved in Development of Interface, Conversion modules and BI Publisher Reports using Oracle EBS
- Performed SQL tuning and debugging to fix the code and made changes compatible with new application release
- Personalized Oracle Standard Forms using Oracle Forms Builder by several custom logic as per client requirements

## PROJECTS

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### 3D Clothing Store: *Typescript, ReactJS, BabylonJS, NodeJS, Blender*

- Enhanced user shopping experience by building a 3D online clothing store application
- Rendered 3D application in the browser using BabylonJS framework and designed the clothes for human model using blender

### Face Detection React Application: *ReactJS, NodeJS*

- Built an application for face detection using a third party javascript library in ReactJS
- Integrated this application with a video chat for adding filters to the face in a live video stream

### Github Repo Search: *React, Redux, Redux-Thunk*

- Developed a react application for fetching users and their repositories using fetch API
- Handled asynchronous requests made to a server using react middleware

### Blood Bank System: *Java, JSP, MYSQL, Tomcat*

- Created a web-based blood bank application helpful for blood recipients to get the details of available donors
- Designed the system architecture, database and implemented a role-based security access and authentication