

# Divya Jha

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## WORK EXPERIENCE

**1. IBM India Pvt. Ltd., Bangalore — Software Developer at IBM ISL — 6th July 2020-Currently working**

### *Roles and responsibilities-*

- Working with IBM AppConnect, an all-in-one tool used for - Connecting different apps, Integrating data, Building APIs, and Acting on events.
- Responsible for developing multiple complex UI components and integrating them with the corresponding backend.
- Responsible for developing multiple REST APIs for IBM AppConnect backend.
- Responsible for automating tests for multiple end-to-end product features.

### *Technologies used-*

- ReactJs; Redux; AngularJs; NodeJs; HTML; CSS; JavaScript; Codecept; Cypress; Kafka; Jenkins; Git; Docker; Openshift;.

**2. IBM India Pvt. Ltd., Bangalore — SDE Intern at IBM ISL — 6th Jan 2020 - 3rd July 2020**

### *Roles and responsibilities-*

- Worked with IBM AppConnect.
- Responsible for all the styling and CSS and covering test scenarios using the unit and integration tests.

### *Technologies used-*

- ReactJs; NodeJs; HTML; CSS; JavaScript; TypeScript.

## PROJECTS

**Graph covering and partitioning software — July 2017 - Nov 2017**

**Botnet C and C Detection and Worm Propagation Detection — Jan 2018-May 2018**

**Coverage maximization in mobile wireless sensor networks — July 2019-Nov 2019**

- To ensure deployment of a minimum number of sensor nodes in a wireless sensor network to provide maximum coverage for the area of interest, while ensuring connectivity among the sensor nodes and the sink.

**Target coverage and connectivity problem in a wireless sensor network with dynamic sinks— Jan 2020- May 2020**

- To ensure target coverage and connectivity in a wireless sensor network which is having a set of targets that need to be covered and multiple dynamic sinks, by deploying a minimum number of sensor nodes and relay nodes.

## EDUCATION

**Indian Institute of Technology (IIT ISM), Dhanbad-**

*M.Tech-Computer Science & Engineering*  
JULY 2018 - JUNE 2020 **CGPA - 7.36**

**Bhagalpur College of Engineering, Bihar-**

*B.Tech-Computer Science & Engineering*  
SEP 2014 - MAY 2018 **CGPA - 8.26**

**K.M Academy, Bhagalpur-**

*Senior Secondary-CBSE*  
MAY 2011 - MAR 2013 **83.2%**

**Sri Ramkrishna Vidya Mandir, Bhagalpur-**  
*Secondary-CBSE*

MAY 2010 - MAR 2011 **CGPA - 9.6**

## ACHIEVEMENTS

- Youngest Software Developer across all the IBM AppConnect teams to achieve IBM's premier technical contributors award \*IBM Tech 2023\*.
- Secured AIR-519 in Graduate Aptitude Test in Engineering (GATE) 2018 and AIR-369 in GATE 2019.