**Priyanka Birajdar**

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**Portfolio Link -** [piabirajdar.github.io](https://piabirajdar.github.io/)

# SUMMARY

* Computer Science Professional with **3+ years**’ experience as a **Full-Stack Developer**.

# EDUCATION

**San Diego State University, California** ***Aug 22-May 24(expected)***

*Master of Science, Computer Science*

**Vishwakarma Institute of Information Technology, Pune** CGPA: 3.92/4

*Bachelor of Engineering IT*  ***Jun 15-May 19***

# TECHNICAL SKILLS

* **Languages:** JavaScript, TypeScript, Java, Basic Python, C++
* **Web Technologies/Frameworks:** React, Redux, Node.js, webpack, babel, eslint, HTML5, CSS
* **Software Technologies:** RESTful Web Service/REST APIS, Spring Boot, AWS
* **Testing:** Mocha, Jest, Cypress(regression)
* **Deployment/(CI/CD):** Docker, Drone, Jenkins
* **Database:** MYSQL, Postgres SQL
* **Source Control:** GitHub
* **Software Development Skills:** Data Structures and Algorithms, Agile Development, DevOps

# PROFESSIONAL EXPERIENCE

**John Deere Pvt Ltd| Senior Engineer I| Pune, India** (full-time) ***Jun 21-Aug 22***

***(Java, React.js/Redux, Node.js, JavaScript, TypeScript, Rest APIs****)*

* Designed and created a product used by 1 million+ customers by leveraging react.js, react hooks, java script, typescript & CSS3.
* Developed 5 microservices using spring-boot and building Rest APIs along with integration tests for multiple projects.
* Participated and won the most prestigious **John Deere Global Hackathon 2021** for prototyping the enhancement to the existing system.
* Prepared 1000+ unit test cases using mocha and jest while working on 3 projects.
* Led the team of 9 people as a scrum master while working in an agile environment to deliver end-to-end projects.

**John Deere Pvt Ltd| Software Developer II| Pune, India** (full-time) ***Jun 19- May 21***

***(Cypress, Mocha, Jest, Java, Node.js, Spring Boot)***

* Redesigned and developed a solution to move the functionalities associated with end user from portal to on-field machines using wireless data transfer.
* Won **John Deere Global Hackathon 2020** for identifying a critical gap in the existing system and providing an effective prototype with robust solution.
* Received multiple accolades from senior leadership for being proactive in providing innovative ideas along with its developed framework.
* Designed and executed 500+ regression test cases using cypress while working on 5 projects.

**Amcid Solutions| Software Developer Intern| Pune, India *Jun 17- Aug 17***

***(C#.net, Asp.net, MySQL)***

* Built an online platform to conduct aptitude tests for students in the hiring process.
* Analyzed 1000+ questions weighted by various companies through online research and designed the exam pattern consisting of 3 sections - quantitative, verbal and data interpretation.
* Assessed and sent an automatic email with the detailed scores to the candidates and HR.

LEADERSHIP EXPERIENCE**: Scrum Master** (John Deere), **Vice-President** (Students Forum VIIT), **Technical-Event-Head** (Techno Fest VIIT), **Event-Head** (NGO)

# ACADEMIC PROJECTS

**Concrete Image Analysis using CNN (Research Project)** |Final-Year Project***Jun 18- Feb 19***

*(****Python, TensorFlow****)*

* Created a standard dataset of 192 images by visiting the actual construction sites and performed a subjective analysis for each image with help of domain experts to grade each image under 4 categories if Visual Stability Index.
* Developed a web-based application using convolutional neural network for analyzing the quality of concrete-mix through captured images using standard dataset (70% training and 30% testing).

**Blood Bank Management System** ***Nov 17 – Mar 18***

*(Java, MYSQL, CSS, Bootstrap)*

* Built a Portal to manage blood-donation camp organized by department using Java.
* Performed all CRUD operations to keep a track of each blood type available and donor details.

**Other Projects:** [Online](https://github.com/gauravgandhigg/Type-Speed-Tester) Aptitude Test Portal (C#.Net,Asp.net, MYSQL)

# ACHIEVEMENTS

* Secured 3rd rank at university level in undergrad.
* Awarded as best outgoing student in the year 2019.