Priyanka Birajdar

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Portfolio Link - 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 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.