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, San Diego, CA *Aug 2022-May 2024*
Master of Science, Computer Science
Courses: Advanced Algorithms and Design, Modern Web Development Frameworks, Software Engineering.

Vishwakarma Institute of Information Technology, Pune CGPA: 3.92/4
Bachelor of Engineering, Information Technology *Jun 2015-May 2019*
Relevant Courses: Data Structures, Analysis of Algorithms, Database Management, Machine Learning, Object Oriented Programming

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, TypeScript, Python, C++
- **Web Technologies & Frameworks:** React, Redux, Node.js, webpack, babel, eslint, HTML5, CSS
- **Tools and Technologies:** RESTful Web Service/REST APIS, Spring Boot, Mocha, Jest, AWS, MYSQL, Postgres SQL, GitHub, Docker, Drone, Jenkins, Cypress.

PROFESSIONAL EXPERIENCE

John Deere Pvt Ltd | Senior Software Engineer I | Pune, India *Jun 2021-July 2022*
(Java, React.js/Redux, Node.js, JavaScript, TypeScript, Rest APIs, Mocha, Jest)

- Designed and developed an interactive web application to plan farming jobs for a customer base of more than 200k by leveraging react.js, react hooks, JavaScript, typescript & CSS3.
- Developed 3 microservices using RESTful APIs, spring-boot for back-end part of the web application.
- Participated and won the most prestigious **John Deere Global Hackathon 2021** for enhancement to the existing system which led to a better user experience for the application.
- Led the team of 9 people as a scrum master while working in an agile environment to deliver end-to-end projects.
- Setup deployment pipeline using drone and Jenkins for the project thus leading to a faster continuous deployment.
- Prepared 1000+ unit test cases using mocha and jest frameworks while working on 3 projects.

John Deere Pvt Ltd | Software Developer II | Pune, India *Jun 2019- May 2021*
(React, Redux, JavaScript, TypeScript, Cypress, Java, Node.js, Spring Boot)

- Contributed to developing a solution to move the functionalities associated with end user from portal to on-field machines using react.js, redux, typescript.
- 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 end to end regression tests using cypress while working on 3 projects.

Amcid Solutions | Software Developer Intern | Pune, India *Jun 2017- Aug 2017*
(C#.net, Asp.net, MySQL)

- Built an online platform to conduct aptitude tests for students(number) in the hiring process using C#.net and Asp.net.
- 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.

ACADEMIC PROJECTS

Concrete Image Analysis using CNN: (*Python, TensorFlow***)** *Jun 2018- Feb 2019*

- 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).
- Created a standard dataset of 192 images by visiting the construction sites and performing a subjective analysis for each image with help of domain experts to grade each image with Visual Stability Index.

Blood Bank Management System: *(Java, MYSQL, CSS, Bootstrap)* *Nov 2017 – Mar 2018*

- Volunteered to build 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.