Pranjal Nanavaty

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PROFESSIONAL EXPERIENCE

Tata Consultancy Services   **Mumbai, India**
Systems Engineer   *June 2018 – Present*

- Currently working with the Research and Innovation Infrastructure(R&I Infra) Team.
- Develop applications to support upcoming innovations and ideas.
- Provide efficient and robust infrastructure to various Corporate Technology Office(CTO) projects.
- Communicate client's business requirements by constructing easy-to-understand data and process models.
- Provide input into developing and modifying systems to meet client needs and develop business specifications to support these modifications.

Tata Consultancy Services   **Mumbai, India**
Assistant Systems Engineer   *June 2017 – May 2018*

- Working with the R&I Infra team developed an application to manage and provide on-demand Linux Containers.
- Built an application to filter various ideas received from multiple sources.
- Developed Smart Notes application to capture interaction with various clients.

Tata Consultancy Services   **Mumbai, India**
Assistant Systems Engineer-Trainee   *June 2016 - May 2017*

- Undergone Initial Learning Program at TCS, Guwahati for a period of three months.
- Developed easy to use application to capture associates' feedback on the course, faculty and figure out the compliance status.
- Started working with R&I Infra Team after clearing interview with the CTO Team.
- Developed a web application to lay a foundation for entrepreneurs in residence to showcase their product.

INTERNSHIP

Playpower Labs Pvt. Ltd.   **Gandhinagar, India**
Intern   *January 2016 – May 2016*

- Developed modules for the front-end of Learning Management System named Lyearn.
- Automated testing for the front-end of the web application.
- Developed components for the mobile application.
- Integrated APIs to the Android application.

TECHNOLOGY STACK

- **Languages** - C, C++, Javascript, Ruby
- **Databases** - PostgreSQL, Oracle Database
- **Frameworks** - Ruby on Rails
- **Library** - React
- **Management and Configuration Tools** - Ansible, LXD, Zabbix
- **Version Control** - Git

ACADEMIC PROJECTS

- **Fingerprinting in Wireless LANs** - To study the drawbacks of traditional techniques for localization and devise an algorithm to improve the accuracy of Wi-Fi fingerprints to 1m. Developed an Android application based on this concept to figure out the accurate location using an intersection of GSM signal, Wifi signal, GPS and compass sensor.

- **SUMO Simulator (Lane based traffic)** - Modeling of intermodal traffic systems including road vehicles, public transport and pedestrians.

EDUCATION

Nirma University, 2012-2016   **Ahmedabad, India**
Bachelor of Technology, Computer Engineering   *PPI: 7.31*

Maharana Mewar Public School, 2011   **Udaipur, India**
All India Senior School Certificate Examination(CBSE Exam, class 12)   *Percentage: 79.00*

Maharana Mewar Public School, 2009   **Udaipur, India**
All India Secondary School Examination(CBSE Exam, class 10)   *Percentage: 81.60*

AWARDS AND ACHIEVEMENTS

- Star of the Learners Group at TCS Initial Learning Program
- 3rd runner-up in Zeta - An Innovation Initiative at TCS
- 1st Position in Web-o-Mania (Website Development) at the National Level Techno-Management Colloquium – NU-TECH 2015
- Member of 1st runner-up Team Faculty Cup(Cricket) 2015, Nirma University
- Member of the winning team Faculty Cup(Cricket) 2014, Nirma University
- Member of the winning team Nirma Cup(Cricket) 2014, Nirma University