Pranjal Nanavaty

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PROFESSIONAL EXPERIENCE

Tata Consultancy Services   **Mumbai, India**
Full-Stack Developer   *June 2016 – Present*

- Develop applications to support upcoming innovations and ideas.
- 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.
- Developed a web application to automate the process of Corporate R&I hiring, resume shortlisting, and interview panel formation.
- Developed an application to manage requests to attend various conferences with a 4-tier workflow.
- 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 the interaction with various clients.
- Developed a web application to lay a foundation for entrepreneurs in residence to showcase their products.
- Started working with the Corporate R&I Team after clearing an internal interview.
- Undergone Initial Learning Program at TCS, Guwahati for three months.

INTERNSHIP

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

- Developed modules for the front-end of a 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
- **Frontend Stack -** React JS
- **Backend Stack -** Node.js (Express.js, NestJS)
- **MVC Frameworks** - Ruby on Rails
- **Search Server** - Elasticsearch
- **Management and Configuration Tools** - Ansible, Docker, Graylog, LXD, Zabbix
- **DevOps Tools** - Git, GitLab CI/CD

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

- On the spot award for project delivery within 3 weeks after receiving the first set of requirements.
- 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