Shrutika Naik

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Education

New York University, *New York, USA*	*May 2020*
Master of Science in Computer Science	**GPA – 3.7/4**

Relevant Courses: Cloud Computing, Big Data, Artificial Intelligence, Design & Analysis of Algorithms, Operating Systems

University of Mumbai, *Mumbai, India*	*May 2016*
Bachelor of Engineering in Computer Engineering	
Relevant Courses: Distributed databases, Big Data, Human-Machine Interaction	**GPA – 3.8/4**

Technical Skills

Languages/Libraries: Java, Python, Shell Script, C, JavaScript
Tools and Operating Sys: JIRA, PyCharm, Hibernate, PL SQL, XAMPP, Eclipse, SoapUI, Linux, Windows, Xv6
Technologies: MySQL, PostgreSQL, Oracle, WebLogic, JQuery, HTML, CSS

Professional Experience

Oracle Financial Services Software Ltd, Mumbai, India	**August 2016- July 2018**
Associate Consultant (Flexcube Developer)	

- Developed and launched API-based core wrappers and data migration assembly as part of system upgradation for one of India's largest banks using **Java, JavaScript, and Oracle**
- Successfully generated end-to-end solutions by understanding and integrating business requirements to support 10+ mn customers using JavaScript and Java
- Designed effective software to incorporate different payment channels used like NEFT, IMPS, ATM(P2P), and RTGS
- Fabricated **Front-end, back-ends and unit testing modules** for Retail banking teller screens
- Reported daily updates and accepted daily improvisations for **Agile projects**
- Acquired functional and implementation understanding by communicating with national and international clients
- Conducted interactive presentations for trends in Block chain and Bitcoin
- Trained new team members by conducting technical knowledge transfer seminars

Academic Projects

Pacman Game (Artificial Intelligence, Python)
- Devised an Artificial Agent with Monte Carlo Tree Search along with Heuristic and Genetic Algorithm
- Minimized the running time of Pacman to complete the game by using a hybrid model of Greedy and A*Algorithm

Real-Time rain mapping (Android Studio, JAVA)
- The system aimed at giving a visual representation of the real-time rainfall using a Google map like application, which helps to locate the current weather at any particular location using an android application
- Involved generating algorithms analyzing Physics IEEE papers to map the loss of inter-base-station (mobile phone towers) attenuation of the signal to predict the current rainfall level.

Home -Automation (Raspberry Pi, Python, PHP, MySQL, HTML)
- Built a server-side system using Raspberry Pi to interact with the android application controlling the appliances remotely.

Hospital Management Information System (XAMPP, PHP)
- Covered all the required modules right from Patient Registration, Medicine details, and Availability of stock in pharmacy in a hospital.

Co-Curricular and Extra Curricular

- Participated at the district-level round of AAVISHKAR Research Convention held in December 2015 and presented a project titled for Real-time rain mapping.
- Creative Head of Student Council for the academic year 2015-16.
  - Lead a team of more than 100 students for college festivals- Innovation 2016, TML 2016, Cognition 2015
- Certified Lucideus Cyber Security Expert, Grade 1 and 2, conducted in college in 2015