Upasana Nandkumar Bhatia

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EDUCATION

California State University Long Beach, College of Engineering   **Long Beach, CA**
Candidate for Master's in Computer Science. GPA 3.67/4.0.   **August 2021-Present**
Relevant Coursework: Adv. Analysis of Algorithms, Pattern Recognition, Blockchain.

Thadomal Shahani Engineering College, Mumbai University   **Mumbai, India**
Bachelor of Engineering in Information Technology.   **August 2015-June 2019**

SKILLS AND CERTIFICATIONS

- **Core:** Python, Java, C.
- **Web Technologies:** HTML5, CSS3, JavaScript, ReactJS
- **Analytics/Database:** MySQL, MongoDB.
- **Tools:** Microsoft Office Suite, Jira, Docker, Git, GitHub.
- **Testing Tools:** Selenium, Application Lifecycle Management (ALM).

EXPERIENCE

CSULB's College of Engineering Department   **Long Beach, California**
Python Teaching Associate (TA)   **January 2022-Present**
- Conducting independent labs to teach Python to 70 sophomores, helping solve real-world problems.
- Coaching students during office hours to assist students with technical, non-technical issues and concerns.
- Documented class notes, assignments to help Professor in creating better solutions.

Accenture India   **Mumbai, Maharashtra**
Application Development Associate   **September 2019-July 2021**
- Analyzed, managed, and filtered pharmaceutical data as an Agile Developer.
- Delivered 3-4 tasks in Python and SQL including automation testing using Selenium.
- Designed 15 test scripts daily after conducting analysis of business requirements, development needs.

Applab Technologies   **Mumbai, Maharashtra**
Software Engineering Intern   **June 2017-July 2017**
- Constructed an Employee Management System permitting an employee to add, remove, modify employee data.
- Developed an application in Java GUI technology, for database SQL was used storing all employee's information.
- Integrated employee records to make system, user-friendly and easy to use.

ACADEMIC PROJECTS

Crafted Responsive Personal Portfolio Website   **December 2022**
- Structured simple Portfolio Website using HTML, CSS, and JavaScript.
- Showcased features like responsive all sections, education and other sections built using flexbox.

Generated Container Orchestration Using Kubernetes   **April 2022**
- Expedited automation of container operations by deploying, scaling, operating applications since, it's an open source.
- Built simple app and docker image to automate software development.
- Additional self-healing services, including auto-placement, auto-replication, auto-restart of containers was accomplished.

Developed ICT Enabled Solution for Waste Collection   **March 2019**
- Refined a waste collection management solution, an IoT prototype beside sensors measuring bin's level.
- Revamped bin alongside sensors sending a message to assigned authority when bin is full based on Python.
- Digitized data to transmit huge amount of information on Internet, when provided intelligence to waste bins.

Created replica of Online Electricity Payment Website   **May 2018**
- Redesigned an elementary Electricity Website for users to pay customer's bill digitally.
- Directed first time users to create account followed by bill payment.
- Projected bill's receipt is sent to registered email address on users created account.