# Abhishek Bodla

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## EDUCATION

**California State University, East Bay, Hayward, CA**                    August 2022 – (Expected) June 2024
*Master of Science in Computer Science*                                                      GPA:3.8
Course Work: Advanced Algorithms, Web systems, Machine learning, Cyber Security, Computer Networks

**Gandhi Institute of Technology and Management, India**                 July 2017 – August 2021
*Bachelor of Technology in Computer Science*                                          GPA: 8.38/10
Course Work: OOP, Data Structures and Algorithm, Web Technology, Operating system, Database Management System

## SKILLS

**Programming Languages:** Java, Python, C/C++, JavaScript, Apex
**Web Technologies**: JavaScript, jQuery, HTML5, CSS, PHP, Xampp, Android Studio, Flutter
**Frameworks**: Spring Boot, React, Node.js, Angular.js, Bootstrap, Tailwind, Lightning Experience
**Database:** MySQL, Oracle, Firebase, MongoDB, SOQL
**Infrastructure(Cloud):** AWS, Azure, Google Cloud
**Additional Tools:** Git, Gitlab, JIRA, Visual Studio App Center, Salesforce
**Certifications:** Certified Ethical Hacker(EC Council), Programming in C++ (IIT Kharagpur-NPTEL)

## PROFESSIONAL EXPERIENCE

**Software Engineer** at **Accenture**, Hyderabad, India                    June 2021 - July 2022
- Improved system performance benchmarks through rigorous analysis, culminating in a remarkable 20% boost in efficiency and standards.
- Collaborated with product managers to architect a profound transformation in work order processing. This strategic shift not only spared clients over 50,000 manual hours monthly but also yielded cost savings exceeding $300,000.
- Explored potential problem areas while analyzing work procedures, data utilization, and system flow.
- Conducted weekly brainstorming sessions with team and generated 20+ improvement ideas per week.
- Monitored and resolved technical issues (UI, software bugs, server etc.) faced by the clients.

**Salesforce Developer** at **California State University (Student Assistant)**    April 2023-Present
**Technology Stack:  Apex, Lightning, Visualforce, SOQL, Workflow, Process Builder, Form Assembly**
- Developed forms via Form Assembly servicing a staggering 500,000+ strong community of students, staff, and faculty.
- Devised intricate routing to campus departments through skillful application of Apex classes and triggers which cut down the paperwork by 75%.
- Hands on experience in developing Triggers, Apex Classes and Troubleshooted Apex scripts using debug logs and system log console to capture exceptions.
- Workflows Implementation with Objects, Custom Apps, Layouts, Tabs, Validation Rules.
- Automated business operations by implementing process builders, approval processes and workflow rules decreasing the development time by 30%.

## ACADEMIC PROJECTS

**Gym Management System| Java, JavaScript, React, Tomcat, PHP, MySQL, HTML, CSS, Bootstrap Framework**:
- Developed an all-in-one platform featuring real-time calorie tracking, dynamic promotion of new fitness programs, transparent equipment costs, and automated payment notifications upon package expiration. Used Xampp to use Apache Server, MySQL to host the website and run the queries. Used React, Bootstrap, JavaScript, PHP to design the website, maintain cookies and implement logic.
- This innovative approach has transformed my local gyms, driving an impressive 30% surge in net revenue. By digitalizing records, enabling online registration, and automating payment processing, I could redefine efficiency in the fitness industry.

**Identification of Covid 19 Spreaders**:
- Analyze the information of each country using machine learning algorithms like Decision Trees, Random Forests, by analyzing the spreader countries based on the parameters such as age groups, ICMR test reports, individual details, population, hospital beds (India)**.**
- This project is to visualize the details about the spreader countries and to avoid them.