UPASANA NANDKUMAR BHATIA

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SKILLS AND PROFESSIONAL AFFLIATIONS

- **Languages:** JavaScript, Python, Java, TypeScript.
- **Web Technologies:** React, Node.js, REST API, SOAP, HTML5, CSS.
- **Analytics/Database:** Pandas, MySQL, MongoDB, GCP.
- **Tools and Testing:** Git, GitHub, Microsoft Office, Docker, Kubernetes, Selenium, Cucumber, JUnit, Unit Testing.
- **Grace Hopper Celebration 2023:** Attended Celebration of Women in Computing.

EDUCATION

California State University Long Beach, College of Engineering   **Long Beach, California**
Master's in Computer Science - GPA 3.6/4.0.   **Aug 2021 - May 2023**

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

EXPERIENCE

MatchHHa Services Inc.,   **Cypress, California**
Software Engineer [Typescript, React, MySQL, JavaScript, GitHub]   **May 2023 - Present**

- Pioneered development of a startup healthcare app connecting professionals to home agencies, elevating user experience by 70% through proactive engagement, incorporating feedback from **user interviews and feedback collection activities**.
- Collaborated with stakeholders, including CTO, to shape the **product roadmap**, define strategic objectives for healthcare app.
- Leveraged JS, React to **create, manage 10+ admin features** for efficient patient list viewing and caregiver profile updates.
- **Designed database schemas** every 1-2 weeks using MySQL to manage **data security** thereby increasing App Responsiveness.

Accenture India   **Mumbai, India**
Associate Software Engineer [Java, Python, MySQL, Selenium, Jira, GitHub]   **Sep 2019 - Jul 2021**

- **Maintained and consolidated data** from 20+ sources using Informatica's MDM tool, ensuring optimization of data integrity.
- Partnered with teams to successfully conduct large volume data loads using **Java SIF calls, ETL, MDM mappings, batch loads**.
- Led the **Analysis and Construction** of Selenium automation, other testing procedures using JUnit boosting testing efficiency by 30% thereby **saving 1 hour** of daily effort.
- Crafted **15+ test scripts weekly** after conducting **analysis of business requirements**, development needs highlighting a commitment to automated testing and continuous improvement.
- **Implemented Docker** for containerization and deployment, playing a pivotal role in the adoption of microservices architecture for improved **scalable solutions and modular development**.
- Actively participated in **Scrum team stand-ups, code reviews**, contributing to the continuous refinement of code quality.
- **Initiated** weekly team-building activities enhancing team's engagement.
- **Resolved 30+** tickets/month including critical incidents leading to uninterrupted system functionality and minimized downtime.

MR AGRO PRODUCTS   **Mumbai, India**
Software Engineer Intern [Java, MySQL, Unit Testing, Jira, GitHub]   **May 2017 – Sep 2019**

- Created a **CRUD** enabled Employee Management System, with dynamic capabilities for addition, removal, and modification.
- Utilized **caching mechanisms** for effective application's responsiveness, reducing server load, resulting in faster data retrieval.
- **Collaborated in project planning sessions** with project managers and business analysts, showcasing a proactive approach to understanding business requirements and **proposing technical solutions.**
- **Identified and troubleshooted** code related issues contributing to the continuous refinement of code quality.

ACADEMIC PROJECT

Real Time Chat Application [Node.js, Typescript]   **Mar 2023**

- Architected a real-time chat application, leveraging Node.js as server and TypeScript for robust programming.
- Implemented Socket.io library to facilitate bidirectional communication ensuring an optimal user experience.

Weather Forecast Application [JavaScript, Node.js]   **May 2022**

- Devised a Weather app with effortless RapidAPI integration, delivering real-time temperature updates for user-input cities.
- Utilized caching mechanisms for effective application's responsiveness, reducing server load, resulting in faster data retrieval.