

Namrata Bomble

909-376-6821 Los Angeles, CA | namratabomble19@gmail.com | [LinkedIn](#) | [Github](#)

Education

California State University, San Bernardino(3.5/4)

Master of Science in Computer Science

Xavier Institute of Engineering

Bachelors of Engineering in Information Technology

CA, United States

Aug 2022 - Present

Aug 2017 - Oct 2020

Skills

Programming Languages: Java, Python, C/C++, C#, R

Web Technologies: HTML/CSS, JavaScript, TypeScript, Angular, React, Node.js, Express.js, Spring MVC, PHP

Databases and Data Tools: SQL, MongoDB, Oracle Database, Pandas, TensorFlow, Keras, NumPy, Scikit-learn

Testing and Automation: Selenium, Postman

Cloud Services: Microsoft Azure, Docker

Visualization Tools Development Tools: Tableau, Power BI, Git, Visual Studio, Android Studio

Experience

Graduate Assistant California State University, San Bernardino Feb 2022 - Present

- Collaborated with a cross-functional team to streamline and optimize process workflow of teaching software, resulting in increased efficiency and effectiveness of the software's use in teaching.
- Updated and edited content of a book "Multicultural Education" under the supervision of the Dean.
- Researching and developing IoT & AI Solutions with accessibility issues to benefit the community.

IT Trainer Talenthome Solutions LLP May 2022 – Aug 2022

- Trained students globally and assisted the institute in developing lesson materials, visuals and assignments for students in various fields of IT and Computer Science.
- Designed a database architecture & managed an intern team of 6 in the web front end and backend development of a learning management system software to automate and provide one-stop solution for learning and student management that led to statistics of 40% increase in productivity.

Software Engineer Adrosonic IT Consultancy Jan 2021- May 2022

- Worked in a collaborative and fast-paced environment in a team of 25 with business users and business analyst, data engineering to understand functionality and propose creative solutions, worked on API to meet business needs.
- Collaboration in scrum Agile Software Development Lifecycle with Azure DevOps, ETL, CI/CD Pipelines. Troubleshooting, code review, debugging and optimization of existing tailored solutions and issues in infrastructure and enhanced the performance of product by 25%. and support & deployment of the entire application life cycle.

Web Developer Intern and Digital Marketing Executive Talenthome Solutions LLP Dec 2018- Jan 2019

- Developed and maintained responsive websites using WordPress which attracted 20% new users.
- Led a team of three members to restructure and modify a new website and observed 40% increase in traffic.

Projects

Game development | C sharp, Ad sense, Unity, Azure DevOps, Azure app service - Fall 2022

- Implemented projects is a mobile app Bingo game using C sharp for determining the winning conditions and handling user input.
- Azure DevOps for Agile Project Management, version control and for keeping track of development progress, and Azure App Service for saving the state of the game and maintaining past scores. Published on Galaxy Store.

MERN Stack Based Chat Application | MongoDB, Express, React, and Node.js - Spring 2023

- Built a real time scalable platform, a MERN stack chat application incorporating Web sockets for seamless communication and optimizing for performance and usability to ensure an exceptional user experience.
- Implemented secure data storage using the MERN stack, resulting in a robust chat application with features such as real-time messaging & emoji support to provide an engaging and interactive platform which is usable across different devices and platforms.

Employee Recommendation System using Machine Learning Algorithms | Python, machine learning, NLP, Jupyter - May 2020

- An end-to-end working prototype of Employee Recommendation Using Naïve Bayes machine learning algorithm and Natural language processing.
- Achieved 88% accuracy in prediction of suitable candidate.

Internet of Thing based Smart car parking system | IoT, Arduino - Aug 2018

- IoT based smart parking system using Thingspeak cloud connectivity. The proposed Smart Parking System consists of an on-site deployment of an IoT module that is used to monitor and signalize the state of availability of each parking space and give time updates for remote monitoring.

Publications

Journal of Information and Computational Science (IEEE)

- Technical Paper on "Implementation of Machine Learning Algorithms for Employee Recommendation"

Certification

- Microsoft Certified: Azure AI Fundamentals
- Microsoft Certified: Azure Data Fundamentals