

Rama Bharti

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[LINKEDIN](#) | [LEETCODE](#) | [Github](#)

EDUCATION

Bachelor of Technology - Information Technology, UTU/College of Engineering Roorkee, Roorkee, 7.7 CGPA 2019- 2023

SKILLS

Programming Languages: C (Proficient), Java(Proficient), JavaScript (Intermediate), Python (Beginner), C#(Proficient)

Database and Language: Experience in MongoDB, MySQL, SQL (Intermediate), PostgreSQL(Intermediate)

Frameworks: working experience in React JS, Express JS, Node JS, MongoDB, Docker, Figma, Adobe XD, Scrum, Agile methodology

Data Analytics & Business Intelligence: Machine Learning, Tableau, Power BI, Pandas & NumPy, Scikit-learn

Cloud Computing: Microsoft Dynamics 365, AWS/Azure.

Version Control Tools and IDE: Git, Github,PyCharm, Visual Studio Code, Eclipse, Jupyter

Course Work: Database and management system, Object-Oriented Programming, Software Development, Computer Networks, Operation Systems, Data Structures, and Algorithms

Soft Skills: Collaboration, Communication, Planning, Teamwork, Leadership.

PROJECTS

House Marketplace App - [Github](#)

- Developed a house buying and selling website using **React, React Router DOM v6, Bootstrap 5 CSS, and Firebase v9**.
- Implemented responsive design, client-side routing, and real-time database management.

Blog Analytics and Search Tool - [GitHub](#)

- Built with **Express.js and Lodash** for analyzing and searching blogs via a third-party API.
- Features routes for fetching blog stats and searching based on user queries.
- Utilizes **Lodash** for data analytics and includes robust error handling.
- Enhances performance with caching mechanisms for improved user experience.

Autism Spectrum Disorder Detection Using Deep Learning - [GitHub](#)

- Developed a deep learning model for diagnosing ASD with **95% accuracy** using **Python, Keras, and TensorFlow**.
- Utilized datasets with **1,100 individuals**, focusing on demographic and behavioral features.
- Implemented convolutional and recurrent neural networks for feature extraction and prediction.
- Pre-processed data for improved model performance.

WORK HISTORY

Walmart USA Advanced Software Engineering Virtual Experience Program - Forage, March 2023 - [Certificate](#)

- **Skills:** Java programming, algorithm design, UML modeling, database design.
- **Description:** Completed Advanced Software Engineering Job Simulation, developing Java heap data structure, designing UML class diagram, and creating entity relationship diagram for Walmart's departments.

Software Engineering Job Simulation - J.P. Morgan - Forage, September 2022 - [Certificate](#)

- **Skills:** Local development setup, dependency management, debugging, repository management, data visualization using Perspective library.
- **Description:** Completed J.P. Morgan's Software Engineering simulation on Forage, specializing in setting up local environments, fixing repository issues, and creating live data graphs for trading monitoring.

Coding: Development & Advanced Engineering Job Simulation - Accenture North America - Forage, September 2022 - [Certificate](#)

- **Skills:** Java programming, Spring Boot framework, Jenkins for automated builds, **Agile project management**.
- **Description:** Completed job simulation supporting a client's overwhelmed development team, including developing Java search functionality for an interactive website, implementing Jenkins for automated builds, and managing Agile sprint planning and user story writing.

ACHIEVEMENTS & EXTRA-CURRICULAR ACTIVITIES

Coordinated COER Placement Committee activities, spearheading student-recruiter interactions and optimizing placement outcomes.

Technical Proficiency: 5-star ratings in Java, Python, Problem Solving on HackerRank - [HackerRank](#)

Certifications: Passed HackerRank tests in Java, SQL, CSS, C#, JavaScript, Problem Solving - [HackerRank](#)