

Sandesh Sobarad

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SKILLS

Languages: Python, C++, C programming, C#, Dart, JavaScript, Typescript, Data Structures and Algorithms

Database Management: SQL, MySQL, MongoDB, Firebase, Sanity

Web Development: React, Vue, Django, .NET, Flutter, HTML/CSS, NodeJS, MERN, NextJs, Bootstrap, CI/CD, GraphQL

Others: Git, AWS, GCP, Docker, Rasa Framework, ANN, CNN, TensorFlow, NLU, Linux OS, Arduino/Raspberry Pi, Nvidia Jetson Nano

EXPERIENCE

Infosys Private Ltd – Bangalore, India

October 2020 – July 2021

Software Engineer

- Leveraged Autosys and UC4 tools to automate routine tasks and streamline job scheduling processes, resulting in increased efficiency, and reduced manual effort, leading to improved productivity and cost savings.
- Worked closely with cross-functional teams including operations, development, and quality assurance, to ensure seamless coordination and execution of job plans and ticket resolution, resulting in effective communication and timely delivery of services.

Software Engineer Intern

January 2020 – April 2020

- Designed and developed a web application "Hotel Management" from scratch using .NET framework, C#, and Oracle for the database, implementing core functionalities such as user authentication, data management, and report generation.

Cognerate Solutions Private Ltd - Bangalore, India

May 2019 – August 2019

Machine Learning Intern

- Acquired in-depth knowledge of deep learning concepts and artificial neural networks (ANN), including architecture, activation functions, optimization techniques, and regularization methods.
- Successfully led a team of six members in the development of an algorithm for shape identification. Provided guidance and mentorship to team members, assigned tasks, monitored progress, and ensured timely completion of deliverables.

Wellcat Health Center – CSU, Chico

August 2022 – present

Creative Engagement Coordinator

- Utilize desktop design software to design and develop brochures, flyers, posters, and other related materials.
- Proofread content before sending to advocate(s) or administrator.
- Find creative alternatives to further promote Wellcat Health Center & upcoming projects/events.

EDUCATION

California State University, Chico

Chico, CA

Master of Science in Computer Science; GPA: 3.7

May 2023

Course Work: Data Structures and Algo, Software Design and Maintenance, Applied Machine Learning, Web Development, Algorithms and Computability, Mobile Application Development, Applied Computer Vision.

Visvesvaraya Technological University

Bangalore, India

Bachelor of Engineering in Computer Science; GPA: 3.4

August 2016 – September 2020

Course Work: Operating Systems, Machine Learning, Data Structures and Applications, Computer Organization, Cloud Computing, DBMS, System Software and Compiler Design, Computer Architecture.

PROJECTS

Automated Customer Support Email Service (ACSES)

- Objective is to automate customized email reply using text classification and other ML techniques. Trained a model to recognize the keywords from the client mail and reply to that with an appropriate solution without any human intervention.
- Technologies used: NLU, RASA framework, MongoDB for database, Python Programming

Home Automation System

- Developed a home automation system using Arduino/Raspberry Pi, integrating sensors, actuators, and a user-friendly interface for device control and monitoring, enabling remote access and automation.
- Implemented control algorithms for automation, stored and analyzed sensor data to gain insights into energy usage and occupancy patterns, contributing to enhanced energy efficiency and convenience.

Bug-Tracker (Full Stack Web Application)

- A ticketing system to keep track of states of tickets raised by the clients. Admin can pick, assign, and update the tickets.
- Tools used: Django Framework, Docker, JavaScript, HTML, CSS, Python Programming.

Inventory Management System (Full stack (MERN)Web Application)

- An application used to maintain and update an inventory table of cars with its features and prices.
- Tools used: MongoDB, React.js, Express.js, Node.js (MERN).

LANGUAGES

English, Kannada, Telugu, Hindi, Tamil