BHOOMIKA A SHETTY

Information Science & Engineering
Bachelor of Engineering
Sahyadri College of Engineering and Management

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in Bhoomika Shetty

EDUCATION

•**Sahyadri College Of Engineering & Management,Mangaluru** *2025*
Infrormation Science and Engineering CGPA/Percentage: 7.91

•**St Aloysius PU College** *2021*
Department of Pre-University, Karnataka CGPA/Percentage: 82.1

•**LadyHill Victoria Girls High School** *2019*
Karnataka Secondary Education Examination Board, Karnatka CGPA/Percentage: 86.8

EXPERIENCE

•**Yaticorp India Pvt. Ltd.**
Marketing Automation Engineer Mangaluru

– Handled end-to-end digital marketing activities including ad campaign management, social media strategy, SEO optimization, and content creation.Worked with Gallabox CRM for automation and customer engagement, collaborated on web integrations, prepared performance reports using Google Analytics and Meta Business Suite, and contributed to branding, creative strategy, and trend monitoring to improve overall marketing effectiveness.

•**Metromindz Software Pvt. Ltd.**
Web Development Intern Bengaluru

– Designed and developed responsive websites, built dashboards and core modules using HTML, CSS, JS, Bootstrap. Maintained and updated web pages, tested site functionality across devices, documented tasks, worked with Laravel on modular apps like Task and Leave Management.

•**Udbhav Sahyadri Tech LLP**
Student Intern Mangaluru

– Collaborated within a team and analyzed unemployment trends among IT graduates during the COVID-19 pandemic, evaluating social and economic impacts, and proposed data-driven solutions to mitigate the issue.

PROJECTS

•**Task Management and Leave Management Application using Laravel** *Jan 2025*
Designed and developed a module-based web application to manage tasks and employee leave workflows efficiently.

– Tools & technologies used: Laravel, HTML, CSS, JavaScript, Bootstrap
– Implemented a Task Manager module for task creation, assignment, daily progress tracking, and team communication through an integrated chatbox.
– Built a Leave Management module for employees to apply for leaves and for HR to manage approvals, reducing manual efforts and improving process transparency.

•**Detection and Diagnosis of Dental Abnormalities using Image Processing and ML Techniques** *Dec 2024*
Design & develop a dental system using image processing & machine learning to detect & classify dental abnormalities.

– Tools & technologies used: Python, TensorFlow, YOLO, CNN, Jupyter Notebook
– Implemented a system that analyzes high-resolution dental images to identify conditions such as cavities, misalignments, and fractures, enhancing diagnostic accuracy and reducing human error.

•**Art Gallery Management System** *Mar 2024*
Database management project that streamlines the handling of artworks, artists,exhibitions

– Tools & technologies used: HTML,PHP,MYSQL,JavaScript
– Developed Art Gallery Management System using PHP and MYSQL managing artist information, scheduling exhibitions, tracking sales, and facilitating customer interactions.

•Water Quality Monitoring System *April 2024*

Design and implement an Aquaculture Monitoring System that provides data on water parameters in fish farms.

- Tools & technologies used: pH,turbidity and ammonium sensors,Wifi module,Blynk Platform
- To implementation of a cost-effective monitoring system for pH, ammonia, and temperature in the fish farm has proven to be a pivotal step towards enhancing operational efficiency, ensuring fish health, and promoting sustainable aquaculture practices

TECHNICAL SKILLS AND INTERESTS

Languages: C Programming, C++, Python, React, HTML5, CSS3, JavaScript
Frameworks & Libraries: Laravel, Bootstrap, Tailwind
Developer Tools: VS Code, Git, GitHub
Cloud/Databases: MySQL, MongoDB, XAMPP
Web Development Skills: Responsive Design, UI/UX Design, Manual Testing, CRUD Operations
Soft Skills: Volunteering,Team Work,Leadership,Communication,Task Documentation

CERTIFICATE

•Introduction to Artificial Intelligence,Infosys Springboard *May 2024*

•JobReady Employability Skills, Wadhwani Foundation *May 2024*

VOLUNTEERING / POSITIONS OF RESPONSIBILITY

•NSS Volunteer *Nov 2023*

•Sahyadri Science Talent Hunt (SSTH) volunteer-Mentoring Students *Jan 2022*