

HANUSH GOWRAV GOWDA K S

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EDUCATION

Binghamton University, State University of New York, Thomas J. Watson College of Engineering and Applied Science

Master of Science in Computer Science

Expected May 2025

Cumulative GPA: 3.48/4.00

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Machine Learning, AI, DBMS, Design Patterns

Visvesvaraya Technological University

Karnataka, India

Bachelor of Science in Computer Science and Engineering

May 2021

Cumulative GPA: 3.62/4.00

Relevant Coursework: Object-Oriented Programming, Advanced Java, Data Structures and Algorithms, Machine Learning

TECHNICAL SKILLS

Languages: Python, C, C++, Java, MATLAB, Unix, C#

Web Technologies: HTML, CSS, JavaScript, ReactJS, NodeJS, AngularJS

Software and Tools: Jupyter, Visual Studio, Eclipse, Codeblocks

Additional: MySQL, Git, RestAPI, Docker, Scrum, MongoDB, Agile Methodology, Postman, Putty, Jira, Linux, Web Services, Microservices Architecture, Microsoft Office Suite, Adobe, Django

Certifications: Full Stack Engineering – *BITS PILANI WILP*, Data Science in Python – *UpGrad*

PROFESSIONAL EXPERIENCE

Infrdd, Software Engineer | Bangalore, India

March 2022 - January 2023

- Designed and deployed document processing machine learning models using Python, extending the project's document recognition capabilities
- Refined the existing Titan model and developed new models by implementing advanced machine learning techniques, improving accuracy and processing time
- Achieved up to an 86% accuracy rate, significantly boosting document processing efficiency and contributing to project success

Infrdd, Trainee Software Engineer | Bangalore, India

August 2021 - February 2022

- Transitioned into a front-end development role, crafting responsive web pages utilizing ReactJS, AngularJS, and NodeJS to foster a user-friendly and interactive experience
- Collaborated with the development team to construct web pages aligned with UI and functionality criteria, bolstering project performance and user engagement
- Embraced AngularJS, broadening technical expertise in modern JavaScript frameworks, including state management with Redux and SAGA

Orsus Consulting Services, Web Developer Intern | Bangalore, India

August 2020 - October 2020

- Designed and developed a responsive webpage for Orsus Consulting Services, ensuring compatibility across all devices
- Utilized ReactJS, NodeJS, and modern web development tools to showcase proficiency in contemporary technologies.
- Played a key role in enhancing the company's digital presence, increasing engagement with diverse users and potential clients

PROJECT EXPERIENCE

Identification of Areca Nuts, Team Lead | Bangalore India

September 2020 - April 2021

- Developed a web app using ML & DL models like U-Net to accurately identify and harvest areca nut bunches. Achieved 92%-96% yield accuracy for matured arecanuts
- Enhanced agricultural efficiency by streamlining harvesting and processing, with user-friendly visuals and image processing algorithms

Pharmacy Management System, Individual | Bangalore India

August 2020 - September 2020

- Developed a full-stack web application to automate pharmacy operations, including sales, purchases, customer data, and invoice generation
- Built a responsive UI using ReactJS and designed a scalable backend with NodeJS and Microservices architecture
- Improved accuracy and efficiency of record maintenance, reducing manual processes and enhancing data integrity

School Management System, Individual | Bangalore India

January 2020 - March 2020

- Developed a web-based system to streamline school administrative tasks, such as student/staff management, class assignments, exams, timetables, marks, and fee tracking
- Implemented PHP for server-side scripting, SQL for database management, and XAMPP for local development and testing
- Built a user-friendly interface using HTML, CSS, and JavaScript to allow parents to track their children's academic progress and activities