



SHASHANK GOWDA

Software Developer

About Me

Enthusiastic and detail-oriented B.Tech student with a strong foundation in Python, Java, and web technologies. Passionate about coding, backed by internships and hands-on projects.



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<https://github.com/shashankgowda007>



<https://shashankgowda007.github.io/Portfolio/>

Language

- English
- Kannada

Expertise

- Python Programming
- Web Development
- Problem Solving
- Mobile App Development
- Algorithm Design
- Machine Learning
- Database Management

Interests

- Travelling
- Photography
- Bike Riding
- Acting

Experience

Backend Developer Intern, VAYHAM Technology, Ramamurthy Nagar, Bangalore (Jun 2023 - Aug 2023):

Assisted in the development, testing, and debugging of Python-based applications.

Learned and applied new Python development trends and technologies.

Full Stack Developer Intern, Ginger Media Group, REVA University, Bangalore (Sep 2023 - Jan 2024):

Assisted in the development, testing, and debugging of APIs.

Currently working in backend development using NODE JS for the API, and utilizing KNEX for database operations.

Education

Reva University

B.Tech in Computer Science and System Engineering
CGPA-9.4
2021 - 2024

Malnad Academy Pu College

12th Intermediate-PCMB
CGPA- 9.0
2018 - 2020

PoornaChandra Public School

Nursery - High School
2007 - 2018

Skills Summary

- Proficient in Python, Java, and JavaScript.
- Experienced in database management with MySQL.
- Skilled in problem-solving and algorithm design
- Full stack development expertise
- Knowledgeable in Android app development.
- Arduino Proficiency
- Game Development using Unity3D with C#
- Automation using Selenium.
- Strong web development skills with HTML, CSS, JavaScript, Node.js, Django, and Flask.

Projects

Object Detection using Arduino:

- Engineered an object detection system with Arduino, showcasing embedded systems and hardware programming expertise.
- Implemented real-time computer vision algorithms for object identification, demonstrating problem-solving skills in optimization.

Garbage Detection Android App:

- Developed an Android app for garbage detection with image analysis, utilizing Java.
- Integrated image capture and classification functionalities, triggering SMS alerts to the Garbage Department for high garbage levels.

Full Stack Development - GoGig Job Provider:

- Led the development of GoGig, a part-time job provider platform, using Node.js (backend), React.js (frontend), and MySQL (database).
- Ensured scalability and reliability through AWS services, showcasing teamwork and effective communication skills.

Unity3D Game Development for AngryBird Graphics [ongoing]:

- Spearheaded the development of a Unity3D game, leveraging strong skills in game development and design.
- Created visually stunning 3D scenes and graphics for an engaging Angry Birds-style game.
- Demonstrated proficiency in Unity3D, including physics simulations, animation, and user interface design, showcasing a deep understanding of game development principles.

Soil Detection and Crop Prediction using ML Models:

- Developed a system for soil detection and crop prediction using decision tree and random forest models.
- Applied Python for implementation, showcasing proficiency in data science and machine learning techniques.
- Training the models using csv data by splitting dependent and independent variables by 30% for testing 70% for training.

Chatbot Automation using Python, NLTK, Selenium ,Django API:

- Implemented a Python-based chatbot automation system using NLTK, spaCy, and Selenium for web interaction.
- Demonstrated problem-solving skills by creating a dynamic and responsive chatbot.

E-commerce Website with ML-based Recommendation System:

- Designed and developed an e-commerce website with a machine learning-powered recommendation system.
- Utilized AWS, MySQL, Node.js, and React.js to create a scalable platform with personalized product recommendations.

ACHIEVEMENTS AND HOBBIES

- Secured 2nd rank in an e2ehiring coding contest.
- Winner in the Reva Kabaddi Premier League.
- Hobbies include watching movies, running, and music appreciation.
- Second Price in Hackathon with amzon.