Shivam Sunil Bhosale

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TECHNICAL SKILLS

- Languages: JavaScript, Python, HTML, CSS, Swift, Dart, Java, C++, C#
- Frameworks: React, Flutter, Flask, Django, Bootstrap
- Database Management: SQL, MongoDB, Hadoop
- Tools/Methodologies: Android Studio, XCode, Firebase, Git, JIRA, Slack, Scrum, Agile
- Operating Systems: MacOS, Windows, Linux
- Cloud Platforms: Microsoft Azure, AWS

EDUCATION

Master of Applied Computing   Sep 2022 - Present
University of Windsor, Windsor, ON
- Relevant Courses: Advanced Software Development, Internet Application and Distributed Systems

Bachelor of Technology Computer Science Engineering   Jun 2017 - May 2021
SRM Institute of Science and Technology, Chennai, India
- Relevant Courses: Web Programming, Mobile Application Development, Software Engineering Principles

PROJECTS

Swastha - Health Monitoring System   Sep 2022 - Dec 2022
University of Windsor, Windsor, ON
Flutter, Dart, Android Studio, Firebase
https://github.com/ASE-Team-Project/Swastha
- Led a group of 4 members and developed the application leveraging Flutter framework for cross-platform compatibility on Android 11 and above, as well as iOS 11 and above
- Designed an application dashboard offers visualizations and filters for easy Covid19 data tracking and analysis
- Took inputs from customers and followed scrum methodologies throughout the duration of project

Portfolio Website   Oct 2022 - Nov 2022
University of Windsor, Windsor, ON
HTML, CSS, JavaScript, React
https://www.shivambhosale.me/
- Created personal portfolio website showcasing projects, publications and education, made using React and hosted on Netlify
- Performed responsive CSS approach to design and layout the webpage to adapt to different screen resolutions

Jerry Token Farm - A Blockchain based DeFi Application   May 2021 - Jun 2021
SRM Institute of Science and Technology, Chennai, India
JavaScript, Solidity, HTML, CSS
https://github.com/ShivamBhosale/JerryTokenFarm
- Created a Blockchain based Decentralized Financial Application made using Ethereum smart contract allows users to led 'mDAI' coins and earn Jerry tokens as reward for lending
- Published the project paper in International Research Journal of Engineering and Technology

Plant Leaf Disease Detection - Convolution Neural Networks Jan 2021 - May 2021
SRM Institute of Science and Technology,, Chennai, India
Python, Tensorflow, Streamlit, OpenCV
https://github.com/ShivamBhosale/PlantLeafDiseaseDetection
- Collaborate with a team member to build a leaf disease detector was tested to an accuracy of 98%
- Devised the project leveraging Python frameworks - TensorFlow, Keras and Scikit-learn
- Hosted model as a web application deploying Streamlit Python library

Santa Run - Android Game Jun 2020 - Jul 2020
SRM Institute of Science and Technology, Chennai, India
Unity, C#
tinyurl.com/mr499fdt
- Developed an android game using Unity studio and C# programming language

PUBLICATIONS

- "Jerry Token Farm- A Blockchain Based Decentralized Finance Application", International Research Journal of Engineering and Technology, Vol 8 Issue 5, 2021 https://www.irjet.net/archives/V8/i5/IRJET-V8I5573.pdf
- "Detection of Diseases in Plant Leaf Using CNN Technique", Eicicn2021 (Conference) https://www.int-jecse.net/article/Detection+of+Diseases+in+Plant+Leaf+Using+CNN+Technique_1892/

INTERNSHIPS

Data Science and Business Analytics Intern Jan 2021 - Feb 2021
The Spark Foundation, Mumbai, India
- Performed a diverse range of analysis tasks on a weekly basis
- Utilized Machine Learning algorithms to classify and predict outcomes from raw datasets

Student Intern Jun 2019 - Jul 2019
IIT Kanpur, Kanpur, India
- Developed a self-driving bot and contributed to its completion
- Collaborated in creating innovative solutions using Internet of Things (IoT) technology

CERTIFICATIONS

- JavaScript Essential Training (LinkedIn)
- Web Development BootCamp (Udemy)
- API testing and Validation (LinkedIn)
- Designing RESTful API (LinkedIn)
- Flutter (LinkedIn)
- IBM Data Science Certification (Coursera)