Urvashi

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SUMMARY

Proficient Software Engineer with Proven ability to create efficient software solutions that are scalable, reliable, secure &utilize my skills in software development to create innovative solutions.

EDUCATION

BACHELOR OF TECHNOLOGY
Minor in Computer science Engineering · Women's Institute of Technology · Dehradun · 2023 · 84

DIPLOMA IN ENGINNERING AND TECHNOLOGY
Minor in Computer science Engineering · Jyoti Vidyapeeth University · Jaipur · 2020 · 86

SKILLS

Languages: Java, C, C++, Python, HTML, C# ,Object Oriented Programming , Data Structure& Algorithm, JavaScript, Objective C, React JS.

Technical Skills: DBMS,RDBMS, My SQL, Network (TCP/IP, Protocols) ,Operating System, SDLC, Water Fall Model, Agile Model, MVC.

Software: Android Studio, Visual Studio code, SQL, Unix, Unix Linus, Open CV , Tensor flow, CNN, Machine Learning.

Soft Skills: Analytical , Management , Adaptability & Communication, Teamwork & Problem Solving.

EXPERIENCE

SOFTWARE TRAINEE/INTERNSHIP
NETCOREINFO BUSINESS SERVICES   June 2022 – September 2022, Noida
· Training & Internship on Flutter Development in Dart on Visual studio code.
· Hand's on Trainning in REACT JS.
· Python with DJANGO (Web Development).

PROJECTS

Assistive system for blind and Visually Impaired People (Android Application)
Women's Institute of Technology · May 2022 – April 2023
· Designed and Build an Android Application for visually impaired persons to sense obstacles.
· Voice recognition functionality to recognize user commands.
· Object recognition functionality to identify objects using the smartphone camera.
· Navigation functionality to provide directions to the user.
· Accessibility features for users with different degrees of vision loss.
· Use Google Maps or another mapping library to provide navigation functionality.
· Implemented Google API Text to Speech libraries to read text aloud &Speech to Text ,Tensor flow.
· The API converts text into audio formats such as WAV, MP3& stored all sound.

Face Recognition
Jyoti Vidyapeeth Women's University · April 2019 – July 2020
· Face recognition technology that uses computer algorithms to identify or verify a person from digital image.
· It's a biometric verifying human faces recognizer using computational filter.
· Image optimized and done by estimating Kalman Filter.
· It uses OPEN CV & CNN algorithm (deep learning algorithm).
· Image mechanism is captured by Photometric stereo.
· Photometric stereo technique is used for recovering the 3D shape of an object from a series of 2D.
· In case of face recognition it can be used to calculate the depth of a person's face from the sur
face normal.

CERTIFICATIONS

AZ:900 MICROSOFT AZURE FUNDAMENTAL – Udmey(2022)
Certification helps in learning the new technologies, skills, and abilities& specific Expertise. Cloud concepts &Intigration.

PYTHON WITH DJANGO – NITD (2019)
Web development framework &web applications, Model-View-Controller (MVC) architectural pattern, Test and deploy, Azure, AWS

JAVA PROGRAMMING: JAVA11 & JAVA17 –Udmey (2021)
Development, Web Application, Android Application.