

Dheeraj Bhaskaruni
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Objective

To work in a globally competitive environment on challenging assignments that shall yield the twin benefits of learning and exposure to new technologies in a University and where I could learn under professionals to gain knowledge and improve my skills by giving some input to society.

Educational Background

COURSE	INSTITUTION	BOARD	YEAR OF PASSING	CGPA
MASTERS IN COMPUTER SCIENCE	AUBURN UNIVERSITY,AL	-	(JOINED 2023 SPRING)	4.0
B.TECH (ECE)	SASTRA DEEMED TO BE UNVIERSITY	UNIVERSITY	2020	7.58
INTERMEDIATE	FIITJEE	STATE	2016	93.7
HIGH SCHOOL (10 TH)	BHARATIYA VIDYA BHAVAN'S PUBLIC SCHOOL	C.B.S.E.	2014	9.2

CERTIFICATIONS:

- IBM Certified: Application Developer-Azure Cloud Microservices
- IBM Certified Advocate - Cloud v1
- IBM Certified Solution Advisor - IBM Cloud Foundations V2
- Developing AI Applications on Azure on Coursera.
- Cloud Computing Basics on Coursera.
- Getting Started with AWS Machine Learning on Coursera
- IoT and Embedded systems on Coursera.
- Industrial IoT on Google Cloud Platform on Coursera.
- Microsoft Certified: Azure Fundamentals.

OTHER CERTIFICATIONS:

- Preliminary English Test (PET) certification from British Council.
- Introduction to Personal Branding in Coursera
- **Converting Challenges into Opportunities** in Coursera

SKILL SET:

TECHNICAL SKILLS:

- Programming languages like C, Python, SQL, .NET.
- Worked with microcontrollers/microprocessors (Arduino, NXP, AVR and Raspberry Pi) various other components such as RFID module, IR sensors, UV sensors and many more .

- Worked with Flask, HTML, CSS, ModelSim, XILINX
- Worked with IoT on Cloud, IFTTT

PROFESSIONAL EXPERIENCE:

- Professional Experience 23 months in **IBM India Private Limited, Bengaluru.**
- Worked as **Azure Full Stack Developer** and **Cloud Strategy Consultant** for **IBM India Private Limited, Bengaluru.**
- Developed a strategy roadmap for IBM's leading clients for migrating, re-platforming and transforming their applications on multi-Cloud.
- Bagged **Employee of the Year** award for my professional work in 2021.

PERSONAL SKILLS:

- Adept
- Receptive
- Adaptable
- Versatile
- Open to constructive criticism

PROJECTS UNDERTAKEN:

Title : Plastic Bottle Crusher Display automation with RFID

Description : Raspberry Pi is configured as a device to display ever changing content in the Bottle crusher display which helps the user to follow steps to trash their plastic bottle and collect their gift. Using the RFID access, the vendor can assign people to remove the crushed bottles from the machine.

Title : Data Encryption using IDEA algorithms in XILINX

Description : International Data Encryption Algorithm to encrypt the data and generate RTL schematic, which in turn encrypts the data while transmitting and decrypts data while receiving.

Title : RADAR using Arduino and Ultrasonic sensor using C#

Description : It gives the exact location of the object which is far away at unknown location.

Title : Pest Detection using Image processing technique

Description : Early detection and extraction system using different image processing techniques are used to detect and extract the pests in the captured image

Title : Home Security system using Raspberry Pi and Python and chatbot.

Description : It is a portable security system. If any movement is detected in place where it is placed, it alerts us by sending live images via Telegram chatbot and stream the video, also pre-defined commands help to track when required.

Title : Uploading Sensors' data to Webpage and live-tracking using AWS dashboard

Description : Raspberry Pi is configured as a standalone router, individual sensor's data connected to Arduino is published on AWS dashboards.

Title : Budget Planner Website

Description : Design of a dynamic web application for users to manage their expenses.

AREA OF INTEREST :

- Research projects
- Python
- Machine Learning
- Web Development

TRAINING, INTERNSHIP AND INDUSTRIAL EXPOSURE:

- In plant training on Internet Of Things at Uniq tech., Chennai.
- Internship on FPGA's in ECIL, Hyderabad during May,2018.
- Internship on Computer Science and Embedded Systems in ECIL, Hyderabad during May to June, 2018 and November to December,2018.
- Internship with Salieabs LLP, 2019 on Can/Bottle Crusher using Raspberry Pi
- Internship with CureSkin, 2020 on creating datasets and training AI/ML data models for finding skin related diseases using photograph as input.

ACHIEVEMENTS:

- I was the **Vice-president** of our university's national level annual techno management fest in 2019 with 2,800 participants, **THETA'19**.
- Won first prize in our technical fest, Coding and Embedded System event MAKE-A-THON.

HOBBIES:

- Learning and applying new technologies.
- Watching movies.
- Playing e-games.

PERSONAL DETAILS:

Languages known: English, Hindi, Telugu, and Tamil.

DOB : 13-02-1999

Father's name: Bhaskaruni Venunatha Babu

Current address : Apt 11, 427 East Magnolia Woods, Auburn, AL 36830

LinkedIn : <https://www.linkedin.com/in/dheeraj-bhaskaruni/>

DECLARATION:

I, Dheeraj Bhaskaruni do hereby confirm that the information given above is true to the best of my knowledge.

PLACE : AUBURN

Dheeraj Bhaskaruni

DATE : 03/01/2023

(Bhaskaruni Dheeraj)