

Akshay Bhandarkar H

Kundapur ▪ Date of Birth: 14th February 2001

Contact

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Profile

Career Objective and Summary

To acquire a challenging position in the current IT field where my current skill set will be effectively utilized. Also passionate about learning and exploring new skills with diligence toward excellence.

- Highly passionate towards opportunities to work in challenging organization to utilize my skills and knowledge.
- Logical and Organized individual with strong foundation in software engineering.
- Excellent teamwork, interpersonal and communication skills make more confident candidate.
- Volunteering and Leadership help me take interest during projects in order to meet all requirements within deadline

Work experience

Internship

Company Name: **Edgate Technologies Pvt Limited, Bangalore**

- Successfully completed the internship Program on Embedded System Design and the Internet of Robotic Things.
- Embedded system models were coded using a tiware microcontroller and C Programming Language.
- Designed a fully automated robot car using a microcontroller and coded with the usage of Energia IDE.
- All Car controls were automated using blynk android application to steer and direct the wheeling.

Internship

Company Name: **Zephyr Technologies and Solutions Pvt Ltd, Mangalore**

- Successful completion of internship program on various concepts of Machine Learning and Artificial Intelligence.
- As part of the program, created an ML model - Simple Linear regression and Random Forest regression.
- Used the dataset to predict the accuracy of data based on various instances. Learned about various measuring metrics like R-Squared, Root Mean Square, Cross - Validation, etc.
- Learned about the correlation of various dataset attributes using Heatmap to locate the impact on prediction of models.
- AI prediction methodology used to remove outliers and increase accuracy of models.

Technical Skills	
<ul style="list-style-type: none"> ❖ Language: Java, Python ❖ Databases and Server: SQL, MySQL ❖ Web service Technology: HTML, CSS, PHP ❖ Version Control: Git 	
Education	
2019-2023	Bachelor of Engineering (BE) in “Information Science and Engineering (ISE)” Sri Dharmasthala Manjunatheshwara Institute of Technology Ujire, Dakshina Kannada. CGPA: 8.48(On Scale of 10)
2017-2019	12th Grade (State Board) - Viveka Pre-University college Kota, Karnataka (Tq: Bhramavara, Dist: Udupi). Percentage or Grade: 82.66%
2007-2017	10th Grade (State Board) – Sri Venkataramana High School Kundapur, Karnataka (Dist: Udupi). Percentage or Grade: 85.76%
Projects	
<ul style="list-style-type: none"> ❖ Smart Farming With IOT- <ul style="list-style-type: none"> • Developed a model for final year project Smart Farming which provides automatic water pumping system and Animal Intrusion detection. • Hardware tools: Arduino Uno, Soil Moisture Sensor, Pir Sensor ❖ Sign Language Recognition System- <ul style="list-style-type: none"> • Developed as a Mini project which converts gestures to Letter and Displays as Letter and displays. • Technologies /Tools: Python, OpenCV, TensorFlow, Kera's. ❖ Scorer - <ul style="list-style-type: none"> • Designed an Android application to record Cricket Match Scores. • Technologies / Tools: Java, Android Studio Flamingo 2022.2.1 ❖ Retail Management System - <ul style="list-style-type: none"> • Developed a website which helps a Retail Store Manager to maintain databases of his daily Transactions, Sales, Income and Expenditures. • Technologies / Tools: HTML, CSS, JavaScript, Php, MySQL. 	

❖ **Banking System Software -**

- The project is based on the working of banking procedures where we Add functionality of Withdrawal, Depositing Money and maintain Account Details Secure.
- Technologies / Tools: C programming, C Compiler/Command Prompt.

Accomplishments / Certifications

- ❖ Certified for Introduction to Artificial Intelligence from SimpliLearn **(Jul 2022)**.
- ❖ Certified for Java Programming: Complete Beginner to Advanced from Udemy **(Jun 2022)**.
- ❖ Certified for Web Development Course from Internshala **(Oct 2021)**.
- ❖ NSS - Initiated Survey on Water supply tank in rural areas and providing guidelines about usage and maintaining cleanliness **(2020-2023)**.
- ❖ Red Cross -Volunteered Blood Donation Camp. Created awareness among peoples and encouraged for Blood Donations **(2021-2023)**.
- ❖ Publication in International Scientific Journal of Engineering and Management (ISJEM)) Research paper “**Smart Farming with IOT**” has been published. **(May 5, 2023)**.