

# ANILA K

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## OBJECTIVES

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Seeking an opportunity to contribute my technical and creative skills for the respective team growth along with aiming my professional career growth.

## EDUCATION

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- **CENTRAL UNIVERSITY OF KERALA** *Nov 2022 -Jun 2024*  
MSc. Computer Science Specialized in Intelligent Systems  
80.1%
- **UNIVERSITY OF CALICUT** *Nov 2022 -Apr 2024*  
BSc. Physics  
81.8%
- **PTM HSS , Thazhekkode , Malappuram**  
Higher secondary school  
94.25

## SKILLS

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- **Technical Skills:**
  1. Python
  2. C
  3. Java
  4. HTML,CSS,Javascript
  5. LaTeX
  6. MySQL
  7. Matlab
  8. Machine learning
  9. Deep learning
  10. Web Development
- **Soft Skills:**
  1. Problem Solving
  2. Decision Making
  3. Adaptability
  4. Fast learner
  5. Group Working

## INTERNSHIPS

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### Internet Of Things Intern, Keltron

Apr-May2023

- IoT architecture
- Python Programming
- Familiarization of Arduino programming
- PCB design sensor interfacing and IoT deployment

## PROJECTS

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- **Bioinformatic Synergy: Innovating snoRNA - Disease Prediction**

Assessed the effectiveness of novel CNN and XGBoost algorithms in predicting snoRNA- disease associations, with the goal of enhancing diagnostic precision and guiding tailored interventions.

- **Genomic Disorder Prognostication**

Conducted an extensive study in the domain of bioinformatics, where piwiRNA- disease association prediction was tackled utilizing a sophisticated novel ensemble strategy amalgamating autoencoders and LightGBM.

- **Diabetic Prediction**

Developed a diabetic prediction system employing a Support Vector Machine (SVM) classifier. It analysed medical attributes, such as pregnancies, glucose levels, and blood pressure, to predict the likelihood of diabetes in individuals. The classifier was trained on a carefully curated dataset.

- **Bank Customer Churn Model**

Development of a churn prediction model using Support Vector Machine (SVM), coupled with effective handling of imbalanced data through resampling techniques. Emphasis was placed on rigorous model evaluation to glean valuable insights into its performance and efficacy.

- **Stock market prediction**

Led a stock market prediction initiative utilizing advanced XGBoost regression modeling on yfinance API data, enhancing forecasting accuracy for informed financial decisions.

## CERTIFICATION

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- IoT Certificate – Kerala State Electronics Development Corporation Ltd.
- Artificial Intelligence and Machine Learning Certificate – YBI Foundation.
- Web development Certificate – PHN Technology Pvt Ltd.
- Python Fundamentals for Beginners Certificate – GreatLearning.
- Java Basic programs Certificate – GreatLearning
- Machine learning through Python Certificate – ICFOSS

## **INTERESTS**

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- Coding and developing software solutions.
- Creating visually appealing and functional websites.
- Learning the potential of AI and ML in automation and developing Technologies.
- Working on various projects and challenges.
- Doing computer online courses.
- Solving programming puzzles.

## **LANGUAGES**

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- Read – English , Hindi , Malayalam
- Write – English , Hindi , Malayalam
- Speak – English , Hindi , Malayalam