

## Interested Area

- Computer Aided Drug Design (CADD)
- System Biology
- Data Mining
- Database
- Bioinformatics

## Skills

- Communication
- Time Management
- Innovative
- Smart Working
- Tolerant and proactive

## IT Skills

- Languages: C, PERL, JAVA, SQL
- Tools: PYMOL, MATLAB, VMD, IMAGEJ, WEKA
- Web Designing: HTML, JAVA SCRIPT, CGI-PERL

## Functional Skills

- Good lab practices- bioinformatics web tools and lab practices
- Chromatographic techniques
- Cellular and molecular biology techniques
- Microbiological techniques

**Date of Birth:** 24/02/1995

**Languages:** Malayalam, English (read, write)

## References

Dr . Bipin Nair, Dean - Amrita School of Biotechnology, Amritapuri, Kollam, Kerala.  
bipin@amrita.edu

Dr .Shyam Diwakar, Associate Professor, Amrita School of Biotechnology, Kollam.  
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# JYOTHISREE N

Achutham (H)  
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## Objective

To seeking a challenging environment so as to contribute my level best in achieving the team goal and contribute to growth of the organization along with my personal growth in the industry

## Work Experience

Medical Coding Trainee in EDAPPAL Hospital (Three Months)

- ICD Coding
- File scanning and assembling
- MLC writing
- Secondary storage of patient's files

## Educational Qualifications

Qualification	Institute	University / Board	Year	CGPA
Medical Coding	Tranzorze Solutions		2019	A Grade
MSc Bioinformatics	Amrita School of Biotechnology	Amrita	2015-2017	7.82/10
BSc Microbiology	Amrita School of Biotechnology	Amrita	2012-2015	6.63/10
Higher Secondary	GMBHSS	State Board	2012	80%
SSLC	GGHSS	State Board	2010	85%

## Academic Projects

- Successfully completed BSc project from Amrita School of Biotechnology under the guidance of Mr.Ajith Madhavan on " *Use of Caulobacter crescentus as an exoelectricigen in a dual chambered microbial fuel cells*"
- Successfully completed MSc project from Amrita School of Biotechnology under the guidance of Dr Shyam Diwakar on " *Experimental Gait Data Recording and Understanding Swing and Stance using Machine Learning*"
- Summer internship under Dr. Shyam Diwakar on EEG analysis.

## Seminars Attended

- Attended seminar on Exploiting Evolution in Algorithm for Biological Sequence Analysis by Jaap Heringa.
- Attended seminar on Proteomics and Proteogenomic Approached To Investigate Human Diseases by Prof.J S Keshava Prasad
- Volunteer at Amrita Bioquest International Conference in august 2013
- The International Symposium (Biocrest 2017) on Microbial Pathogenesis, Amrita School of Biotechnology, Amritapuri,January 2017

## Paper Published

" *Classifying Gait Features for Stance and Swing Using Machine Learning*" as the proceeding part of International Conference on Advances Computing Communications and Informatics (ICACCI 2017)

## Declaration

I hereby declare that the above stated particulars are true to the best of my knowledge and belief.

Place: Haripad

Jyothisree N