



## PRABAL GHOSH

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🌐 LinkedIn: <https://www.linkedin.com/in/prabal-ghosh-25a196158/>

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📍 Other: CIV, 190 Rue Frédéric Mistral, 06560 Valbonne (France)

### ABOUT ME

Experienced electronics and computer engineer with a strong inclination toward research and development in statistical machine learning and deep learning.

### WORK EXPERIENCE

#### AI Intern

*INRIA* [ 02/05/2024 – 30/08/2024 ]

City: Sophia Antipolis | Country: France

Concept Detection in Deep Neural Networks

#### Graduate Engineer

*Freshworks* [ 18/07/2022 – 24/03/2023 ]

City: Chennai | Country: India

Python Django and Ruby on Rails backend development

#### Software Development Intern

*Freshworks* [ 04/04/2022 – 30/06/2022 ]

City: Chennai | Country: India

Ruby on rails full-stack development

### EDUCATION AND TRAINING

#### M2 DATA SCIENCE AND ARTIFICIAL INTELLIGENCE

*CÔTE D'AZUR UNIVERSITY* [ 09/09/2024 – Current ]

#### M1 DATA SCIENCE AND ARTIFICIAL INTELLIGENCE

*CÔTE D'AZUR UNIVERSITY* [ 11/09/2023 – 30/08/2024 ]

City: Nice | Country: France | Final grade: 12.949/20

#### *IDEX Scholarship*

#### Master of Computer Applications

*Amrita vishwa vidyapeetham, Amritapuri Campus* [ 23/09/2020 – 20/08/2022 ]

Country: India | Final grade: 9.5/10 | Thesis: Computation of Mathematical modeling of Parkinson's Disease

#### Bachelor of Technology in Electronics and Communication Engineering

*RCC Institute of Information Technology, Maulana Abul Kalam Azad University of Technology* [ 01/08/2014 – 31/10/2018 ]

Country: India | Final grade: 7.86/10

#### Higher Secondary Examination

*Nayabasad ParbatiMoyee Siksha Niketan* [ 06/2013 – 05/2014 ]

Field(s) of study: Science | Final grade: 78.40%

Mathematics=86% , Physics= 90% , Chemistry= 90%

## Secondary Examination

*Nayabasat ParbatiMoyee Siksha Niketan* [ 03/2011 – 05/2012 ]

Country: India | Final grade: 87.14%

## LANGUAGE SKILLS

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**Mother tongue(s):** Bengali

**Other language(s):** Hindi | English

## PUBLICATIONS

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[2023]

### **A study on modeling the dopaminergic pathways of Parkinson's disease**

Ghosh Prabal; Sasidharan Rajeswari Sreeja; P. S. Rohit; Nair Manjusha [Scopus Indexed]

## PROJECTS

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### **Food ordering app using ruby on rails**

Link: <https://github.com/prabal5ghosh/food-ordering-app-using-using-ruby-on-rails>

### **Pet Finder using Machine Learning and Deep Learning**

Link: <https://github.com/prabal5ghosh/Pet-Finder-using-Machine-Learning-and-Deep-Learning>

### **Semantic Modeling for a Recipe Box Company**

Link: <https://github.com/prabal5ghosh/Semantic-Modeling-for-a-Recipe-Box-Company/tree/main>

**IoT and cloud based security monitor using Aurdino MKR 1010** Guide- Binu P.K, Amrita Vishwa Vidyapeetham

**Linked data extraction from Springer using OWL and SPARQL** Guide- Dr. S. Subbulakshmi

Link: <https://github.com/prabal5ghosh/Semantic-Web-Project-using-Protege-sparql-and-curl>

### **Transfer Learning for NLP with TensorFlow Hub**

Link: <https://www.coursera.org/account/accomplishments/verify/RUGTVCRFACU4>

**Quadcopter with advanced monitoring** Guide: Dr. Tiya De Malakar and Dr. Abhishek Basu, RCCIT,Kolkata.

Link: [http://rcciit.org/students\\_projects/projects/ece/2018/GR17.pdf](http://rcciit.org/students_projects/projects/ece/2018/GR17.pdf)

## TRAINING AND CERTIFICATION

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### **Machine Learning: Regression by the University of Washington**

Link: [https://www.coursera.org/account/accomplishments/verify/UUSHZ672X9PH?](https://www.coursera.org/account/accomplishments/verify/UUSHZ672X9PH?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharing_cta&utm_product=course)

[utm\\_source=link&utm\\_medium=certificate&utm\\_content=cert\\_image&utm\\_campaign=sharing\\_cta&utm\\_product=course](https://www.coursera.org/account/accomplishments/verify/UUSHZ672X9PH?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharing_cta&utm_product=course)

### **Machine Learning: Classification by University of Washington**

Link: [https://www.coursera.org/account/accomplishments/verify/EBTQQRECPSR8?](https://www.coursera.org/account/accomplishments/verify/EBTQQRECPSR8?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharing_cta&utm_product=course)

[utm\\_source=link&utm\\_medium=certificate&utm\\_content=cert\\_image&utm\\_campaign=sharing\\_cta&utm\\_product=course](https://www.coursera.org/account/accomplishments/verify/EBTQQRECPSR8?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharing_cta&utm_product=course)

### **Mathematics for Machine Learning: Multivariate Calculus by Imperial College London**

Link: [https://www.coursera.org/account/accomplishments/verify/FSDZX3YNWBCV?](https://www.coursera.org/account/accomplishments/verify/FSDZX3YNWBCV?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharing_cta&utm_product=course)

[utm\\_source=link&utm\\_medium=certificate&utm\\_content=cert\\_image&utm\\_campaign=sharing\\_cta&utm\\_product=course](https://www.coursera.org/account/accomplishments/verify/FSDZX3YNWBCV?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharing_cta&utm_product=course)

## Neural Networks and Deep Learning

Link: [https://www.coursera.org/account/accomplishments/verify/VWT6WGRM7QJU?](https://www.coursera.org/account/accomplishments/verify/VWT6WGRM7QJU?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharing_cta&utm_product=course)

[utm\\_source=link&utm\\_medium=certificate&utm\\_content=cert\\_image&utm\\_campaign=sharing\\_cta&utm\\_product=course](https://www.coursera.org/account/accomplishments/verify/VWT6WGRM7QJU?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharing_cta&utm_product=course)

## RECOMMENDATIONS

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Name: **Dr. Manjusha Nair M.** | Assistant Professor (Senior Grade)

Organization: Amrita Vishwa Vidyapeetham, Amritapuri, Kerala

Department: School of Computing

Email: [manjushanair@am.amrita.edu](mailto:manjushanair@am.amrita.edu) | Phone number: (+91) 9447745519

Name: **Dr. S. Subbulakshmi** | Assistant Professor (Senior Grade)


Organization: Amrita Vishwa Vidyapeetham, Amritapuri, Kerala

Department: School of Computing

Email: [subbulakshmis@am.amrita.edu](mailto:subbulakshmis@am.amrita.edu) | Phone number: (+91) 9746563654

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Valbonne, France, 12/10/2024



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