

# Nitu Kumari

**M.Tech, (CSE), IIIT Bhubaneswar(NET QUALIFIED)**

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## Career Objective

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*Research opportunity that will allow me to utilize my problem-solving skills and attention to detail to further develop my abilities in the field of computer science and further leading to a career in research.*

## Professional Credentials

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Examination	University/ Institute	Year	CPI/ %
M. Tech (CSE)	IIIT Bhubaneswar, Orissa	2016-18	7.8 CGPA
B. Tech (IT)	W.I.T., LNMU, Darbhanga, Bihar	2009	71%.
10+2	B.I.E.C., Patna	2002	52.55%.
10 <sup>th</sup>	B.S.E.B., Patna	2000	65%.

## Computer Proficiency

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Operating Systems	Mac os x 10.5 , Windows 98/2000/XP and Upper Version.
Cms	wordpress, joomla
Framework	Cake PHP, Zend
E-Commerce	Shopify
Languages	PHP,Java, C and C++,MATLAB, Python
Database	MySql, Oracle 9i, 10g.
Scripting Language	HTML,Java Script, CSS,Jquery.
Other Software	MS-Office, Macromedia Dreamweaver8.

## MTech Project

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My research area of MTech was image processing. I have done research in medical image processing. Automatic brain tumor segmentation and classification in flair mri is the topic of my research. Manual detection of tumor is time consuming task for radiologist due to large no of patients so there is a need of automatic brain tumor detection of MRI images. The main goal of project is to find tumor in minimum time with maximum accuracy. For segmentation we have used sliding window technique and for misclassify pixels used fuzzy c-means technique. For classification we have used SVM technique. For feature extraction we have used statistical features.

## Paper Publish

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- *My one journal paper published in International Journal of Healthcare Information Systems and Informatics (IJHISI) title “Brain tumor segmentation in FLAIR MRI using sliding window followed by fuzzy-c-means clustering” and DOI: 10.4018/IJHISI.20210701.oa1.*
- *My one conference paper “Review of brain tumor segmentation and classification” published in IEEE Xplore on 29 November 2018 and DOI:10.1109/ICCTCT.2018.8551004.*

## B.Tech Project

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We have developed website based application in B.Tech project using PHP as server side language and MYSQL as database.

## Work Experience Summary

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Worked as **software engineer** with **Axle Hosting Pvt Ltd**  
F-16, vijay block vikas marg Opp. Metro pillar 54  
Laxminagar, new delhi-92  
<http://axleweb.com.au>

[May, 2014- May 2015]

Worked as **PHP Developer** with **Webchime Technologies**  
<http://www.webchime.com>

[Dec, 2012-March, 2014]

Worked as **PHP Developer** with **Loyalty Commerce Pvt Ltd**  
<http://www.youmint.com>

[September, 2012-December, 2012]

Worked as **PHP Developer** with **Banyan Tree Infomedia LLP**  
<http://www.banyantreeinfomedia.com>

[March, 2011-August, 2012]

Worked as **PHP Developer** with **DotZoo Inc**  
<http://www.dotzoo.com>

[March, 2010-February, 2011]

## Extra-Curricular Achievement

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- *Academic: Cleared NTSE 1<sup>st</sup> stage in school.*
- *Cultural: Senior Diploma in Classical Music.*

## References

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- *References will be available on demand.*

## Annexure1: Experience Details

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### **## Organization: Axle Web & Hosting Pvt Ltd**

#### **1. Application: Cardrage**

*Url:* <https://cardrage.com>

*Team Size:* 6

*Period:* 8 months

*Description:* This is basically animated business card related application for both android and iphone. Worked on web admin for that application and for api integration.

*Role:* Application Development

*Software Tools/Skills:* Cake PHP, Ajax, jquery, Mysql

## 2. E-commerce website: High Wood Park

*Url:* <http://highwoodpark.com.au>

*Team Size:* 1

*Period:* 1 month

*Description:* Hotel booking website.

*Role:* Website Development

*Software Tools/Skills:* Liquid, HTML, jquery

## 3. Cms website:

### ❖ Joomla

*Url:* <http://engage1.com.au>

*Team Size:* 1

*Period:* 1 month

*Description:* Official website.

*Role:* Template integration, Development and Customisation

*Software Tools/Skills:* Joomla, JQuery, MySql

### ❖ Wordpress:

*Url:* <http://bbw-services.com.au>

<http://reformfinancial.com.au>

<http://waudit.com.au>

<http://whitehousegroup.com.au>

<http://axleit.com.au>

<http://axleweb.com.au>

<http://rapidcompanies.com.au>

<http://roommotels.com.au>

<http://vegpro4.com.au>

<http://jameslaw.com.au>

*Team Size:* 1

*Role:* Template integration, Development and Customisation

*Software Tools/Skills:* Wordpress, JQuery, MySql

## ## Organization: Webchime Technologies

### 1. Joomla Projects:

*URL:* <http://theassociatedschools.com.au/>

<http://elevateyou.webcircle.com.au/>

*Team Size:* 1

*Software Tools/Skills:* Joomla3.1, JQuery, HTML, Ajax, Mysql

### 2. Zend Projects:

*1. Title:* Travelananda

*URL:* <http://travelananda.com>

<http://myfinancialmentors.com.au/>

**Team Size:** 2

**Software Tools/Skills:** Zend, JQuery, HTML, Ajax , Mysql

## **## Organization: Loyalty Commerce Pvt Ltd**

**Project URL:-**

<http://www.youmint.com>

**Software Tools/Skills:** PHP, MySql, CSS, JavaScript, Ajax

**Module:** Studyabroad

**Duration:** 3 Month

**Team Size:** 6

**Description:** - This is a large webportal of free sms and rewards and auction is the feature of this website.

**Responsibilities:** Website maintenance.

## **## Organization: Banyan Tree Infomedia LLP**

**Project URL: -**

<http://www.highereducationinindia.com>

<http://www.realestatehungama.com>

<http://www.thecolorsofindia.com>

<http://www.voyage99.com>

<http://www.mumbaigetaways.com>

**Software Tools/Skills:** - PHP, CSS, Javascript, jquery

**Responsibilities:**

- Creating admin panel and after that worked on front-end.
- Implementing logic in PHP, Mysql.
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## **## Organization: DotZoo Inc**

**Project URL: -**

<http://www.dotzoo.com>

<http://www.sgoogles.com>

**Software Tools/Skills:** - PHP, CSS, Javascript, jquery

**Responsibilities:**

- Creating admin panel and after that worked on front-end.
- Implementing logic in PHP, Mysql.

### **Android Application Detail**

**Apps:** Insurance Journal

**Team Size:** 2

***Duration:***3 Month

***Apps Description:*** --

*Breaking news, compelling video, and informative podcasts from InsuranceJournal.com.*

*Available on Android market.*

***Link:*** <http://www.appbrain.com/app/insurance-news/com.insurancejournal.dzo>

***Apps: Cool Brain Master***

***Team Size:***2

***Duration:***2 Month

***Apps Description:*** --

*Cool Brain Master is math quiz and puzzles application or use just like a game in a leisure time and enjoy it. Available on Android market.*

***Link:*** [http://www.androidzoom.com/android\\_games/brain\\_puzzle/brainmaster\\_sfai.html](http://www.androidzoom.com/android_games/brain_puzzle/brainmaster_sfai.html)