# K. R. NAVEEN KUMAR

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## Teaching Experience ( 6.5 years )

**Dec'13 – till date: working as an Assistant professor in Bapuji Institute of Engineering and Technology, Davangere**

## Industry Experience ( 1 year )

**Sep'11 – Oct'12: Software Developer at CloudByte Technologies India Pvt. Ltd., Bangalore**

## Academic Qualifications

- Registered for Ph.D. (Computer Science & Engineering) from Visvesvaraya Technological University, 2015
- M.Tech. (Computer Science & Engineering) from B.I.E.T, Davanagere in 2011
- B.E. (Computer Science & Engineering) from S.T.J. Institute of Technology, Ranebennur in 2008

## Roles and Responsibilities

- Involved in the design and development of Institute Website: http://www.bietdvg.edu
- Currently maintaining the Institute Website.
- Currently involved in the design and development of Bapuji Educational Association (BEA) Website.
- Involved in the design and development of Employer, Alumni and Parents feedback form.
- Maintained Karnataka ISTE website http://www.istekarnataka.com/
- Involved in the design and development of a web portal (college registration) for 14th VTU Youth festival held at BIET, Davanagere.
- Worked as a food committee member for ICATCCT the international conference held at BIET, Davanagere in 2015.
- Conducted IBM-BLUEMIX sessions for students and helped them to deploy their app on cloud.
- Actively involved in all activities conducted by the department. Learnathon: 24 hours non-stop coding contest.
- Actively involved in all activities conducted by the department. Hackathon: 'Building Chatbots using IBM Watson' 24 hours non-stop coding contest.

## Cote Subjects Taught

Machine Learning, C, C ++, Java, Advanced Java and J2EE, Programming Languages, Python, Data Structures & Design and Analysis of Algorithms, WEB 2.0.

## Expert Lectures Delivered

- Delivered a seminar on Object Oriented Programming with C++ on 28-09-2016, held at Bapuji B-schools.
- Delivered a talk on "Choose the right projects" for final year BCA students held at Bapuji B-schools on 11th August 2015.
- Delivered a session for Bapuji Polytechnic faculty members on "Web Designing" on 9th July 2014.

## IT Skills

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| Operating System: | MS Windows XP |
| Programming Environment: | Java & Design Pattern |
| Tools: | Ajax, DWR, Firebug, Eclipse, jQuery & Ext JS |
| Web Technology: | HTML, CSS, JavaScript, JSP/Servlet, Ajax/Reverse Ajax, PHP, XML & DOM |
| Database Tools: | MySQL |

## Academic Project

**During B.E. (Sponsored by KSCST, Bangalore)**

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| **Project:** | **Academia – A Complete Portal Solution for College** |
| Team Size: | 4 |
| Language: | Java |
| Tools: | Eclipse, JBoss Application Server, Hibernate & MySQL |
| Platforms: | MS Windows & Linux |
| Scope: | Academia is designed in-order to meet all the demanded functions required for the management of college databases. This gives a single system which is capable of performing all the functions. Complete information solution for the college environment that helps in searching, accessing, sharing and managing information can be done through 'Academia'. |
| **Project:** | **Implementation of Linux Shell** |
| Team Size: | 2 |
| Language: | C |
| Platform: | Linux |
| Scope: | The major objective of this project was to implement a Linux Shell for a set of commands. The shell was created for a set of commands using some built-in function calls and for every command it provided a formatted output. The Shell provided relief to the user for the execution of commands. |

**During M.Tech**

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| **Project:** | **Distance Examination using Ajax to Reduce Web Server Load and Student's Data Transfer** |
| Team Size: | 1 |
| Technologies: | HTML, JavaScript, php & MySql |
| Tools: | Eclipse, WAMP Server, JQuery, Ajax & Firebug. |
| Platforms: | MS Windows & Linux |
| Scope: | The main objective of this project was to develop an E-learning application which swiftly served a distance examination, thus proving more convenient for students. Specific parts were requested to E-Learning Web Server, which reduced E-learning web server load and data transfer rate from students' computers. Hence, the students were able to access the examination much faster. |
| **Project:** | **Web Traffic Reduction for Infrequent Update Application using Green Ajax** |
| Team Size: | 1 |
| Language: | Java |
| Tools: | Eclipse, Jetty – The application server, DWR & Firebug |
| Platforms: | MS Windows & Linux |
| Scope: | The primary objective of this project was to develop & propose an innovation of Green Ajax with the idea of a low bandwidth and resource consumption. Mozilla Firefox and Firebug were deployed as the tools to measure the experimental results. |

## Awards & Achievements

- Presented a paper on:
    - 'A Novel Approach for Management Zone Delineation by Classifying Spatial Multivariate Data and Analyzing Maps of Crop Yield' published in International Journal on Future Revolution in Computer Science & Communication Engineering, ISSN: 2454-4248, Volume: 4 Issue: 9, 59 – 66.
    - Twitter Data Analysis for Unemployment Crisis' organized by International Conference on Applied and Theoretical Computing and Communication Technology (ICATCCT) 29-31 Oct 2015, B.I.E.T., Davanagere.
    - 'Flex Frame Work & AJAX Tools' and bagged 2nd Prize in the State Level Technical Paper Presentation Contest organized by ISTE Students Chapter 'AVISHKAR-2008 B.I.E.T, Davanagere on 8th March 2008'
    - 'Fluid Interface Using Flex' and felicitated with Certificate in the State Level Technical Paper Presentation Contest organized by ISTE Students Chapter during 'Discover – 2008 G.M.I.T.'
    - Secured 77% marks - a test conducted by the council for UN Information, a wing of USO, on 31 August 2001.
- Bagged the Certification of appreciation for adopting Impartus Lecture Capture, 2018.
- Bagged the Certification of completion 'Java Fundamentals' organised by Oracle Academy on 12 January 2018.
- Grabbed 'A' in Python Programming & Database Concepts conducted by Infosys Limited on 25th June 2016.
- Ranked amongst the Top 5 in C-Quest held at B.I.E.T. on 31st October 2009.
- Bagged the overall grade: Very good from Student's Feedback result for subject: Programming Languages.
- Designed manual - "A Laboratory Course in Data Structures & Algorithms" for CS&E Dept.
- Grabbed grade 'A' in Introduction to the Design of Algorithms conducted by Indian Institute of Technology Kharagpur on 30th May 2015.

- Bagged fast work recognition award for speedometer implementation at CloudByte Technologies India Pvt. Ltd., Bangalore.

## Seminars/Workshops Attended

- Participated in the Student Projects Programme of Karnataka State Council for Science and Technology held at Adichunchanagiri Institute of Technology, Chikmagalur on 29th and 30th August 2008.
- Participated in a one day Workshop on "Android Application Development" organized by ISTE Student's Chapter, B.I.E.T, Davangere on 26th March 2014.
- Attended one day Workshop on "Research Add-ons" organized by ISTE Student's Chapter, B.I.E.T, Davangere on 19th March 2014.
- Attended five days workshop on "Simulation and TestBed Environment for research challenges in Wired and Wireless Networks", MSRIT, Bangalore from 28th July to 2nd August 2014.
- Attended one week Workshop on "Introduction to Design of Algorithms" conducted by Indian Institute of Technology Kharagpur at remote center U.B.D.T, Davangere from 25th May to 30th May, 2015.
- Attended one week workshop on "Recent Research Trends in Information Technology - Vol.1", NMIMS, Mumbai.
- Attended one week workshop on "Python Programming & Database Concepts" held at the School of Engineering and Technology, Jain University conducted by Infosys Limited from 20th - 25th
- Participated in non stop 36 hours Coding Competition, April 1 and 2, 2017, for contributing as Mentor in "Smart India Hackathon 2017" under the Ministry of Commerce and Industry.
- Attended two days National seminar on 'Data Science and Analytics' at PES University on November 10, 11, 2017.
- Attended three days workshop on 'Data science' at RNSIT on July 19-21, 2018.
- Participated in non stop 36 hours Coding Competition, March 2 and 3, 2019, for contributing as Mentor in "Smart India Hackathon 2019" under the Ministry of Rashtriya Chemicals and Fertilizers.

## Personal Details

Date of Birth:          21st April 1986
Permanent Address:      #91-84/140, 5th cross, 'C' block, DCM Township, P.B. Road Davanagere - 577003
Languages Known:        English, Kannada, Tulu and Hindi