

NAGA SATYA PRADEEP KUMAR CHAKKA

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SUMMARY

- Experience in Design, Development and Implementation of Object Oriented Applications
- Good knowledge in programming languages like C, C++, JavaScript and Java
- Experience in Express web framework in NodeJS
- Experience in front-end web development using HTML, CSS, JavaScript(JQuery)
- Excellent communication and interpersonal skills
- Good team player with the ability to work independently

EDUCATION

- M.S in Electrical Engineering, WVU, Morgantown, WV. GPA- 3.72 (Aug. 2012-May 2014)
- B.E in Electronics & Communication Engineering, AU, India. GPA- 3.8 (Aug. 2008-May 2012)

TECHNICAL SKILLS

- Languages/Programming: C, C++, JavaScript and Java
- Database Systems: MongoDB
- Hands on experience in HTML,CSS and also familiar with Bootstrap library
- Demonstrated experience in working with development tools like WebStorm, NetBeans
- Others: Architectures like MVC, Multithreading, Socket Programming, Microsoft Access, Excel, PowerPoint, Word, Algorithms, Data Structures

WORK EXPERIENCE

- **Graduate Tutor**, LCSEE, WVU (Aug. 2013- May 2014)
I assisted undergraduate students in their courses. I dealt with courses like Java, Math, Physics and projects involving MATLAB. The process of helping many undergraduate students in turn helped to improve my communication skills
- **Student Web Administrator** (Aug. 2011- Dec 2011)
I led a team of 3 in designing a blog (srkr-ece.blogspot.com) for my department in my undergraduate degree. My responsibilities included data collection and template design.
- **Student Intern**, Multitech Systems Pvt Ltd, Hyderabad, India (April. 2010-July2010)
I worked in a team in building an Obstacle avoiding Robot for Blind Man Navigation. The robot was programmed in such a way that it avoids the obstacles in its path and reaches the target

PROJECT PROFILE

- Chat Application (<http://chat-socket-app.herokuapp.com/>) (May 2014)
This is a web application in which user should enter a username which is not currently being used. He then enters the chat room and will be able to send a group message for all the users who are connected. Additional features like smileys and private messaging were also included. Express web frame work and socket.io were used to achieve this.
- MyWebSite (www.pradeep.io) (May 2014)
In order to project my profile, I have taken step to register it in World Wide Web. I have used HTML, JQuery and CSS. I have used bootstrap library for grids and responsive layouts
- Library Management System (April 2014)
This system facilitates user to create a new record (details of a book) and add it to the data-base. User will be able to access the submission and edit/delete it. Every change will be updated in Database. NodeJS and MongoDB are used to build this application
- Face Recognition (Aug. 2011-May 2012)
Real-Time face recognition in security systems using eigen face approach. In this, weights of unknown faces were calculated and compared to those of known faces in the database using MATLAB

COURSE WORK

- Web Technologies
- OOPs Concepts
- C++/Data Structure
- Advanced Semiconductor Electronics
- Advanced Mixed Signal IC Design
- Advanced Image Processing
- Communication Theory
- Intro to Digital Signal processing
- Theory of Operating Systems
- Linear Control Systems