

EXPERIENCE	Johnson Controls, Mumbai <i>Graduate Engineer Trainee, Technology</i> Developed cross-platform web application for Metasys using HTML5, jQuery UI and Object Oriented JavaScript. <ul style="list-style-type: none">- Designed and developed graphical snapping feature following the software design principles.- Developed JavaScript components including Editor's Path Tool, element animation.- Re-engineered the legacy code which doubled the application response time.	July 2015 - Aug 2016
	GraVITas, VIT <i>Volunteer, Technical Committee</i> <ul style="list-style-type: none">- Designed event posters and banners using Adobe Photoshop- Developed web application displaying a student chapter events and activities for the course of the tech fest.	September 2012
TECHNICAL SKILLS	Programming Languages - C, C++ Scripting Languages - Bash, Python Web Technology - HTML5, CSS3, JavaScript, jQuery, SASS Database - MySQL, MongoDB Platform - Linux, Windows Tools - Git, \LaTeX , Adobe Photoshop	
PERSONAL PROJECTS	Codepile <i>Data Structures and Algorithms</i> A repository of generic data structures implemented using templates in C++. The algorithms have been implemented using STL incorporating the best practices of Modern C++. https://github.com/11ujjawal/codepile	Nov 2016 - Present
	cBits <i>Twiddling, Fiddling, Befuddling Bits</i> Collection of bit manipulation hacks in C demonstrating implementation optimization. The repository illustrates its application in producing order-of-magnitude improvement in both speed and size. https://github.com/11ujjawal/cbits	Nov 2016 - Present
	eMed <i>EEG Based Hospital Automation System</i> A hospital automation application developed in C++ for patients suffering from Locked-In Syndrome. Demonstrated a prototype that provided easy integration with the Emotive EEG neuro-headset to monitor and control different domestic devices.	Jan 2015 - May 2015
EDUCATION	Vellore Institute of Technology, Vellore <i>Bachelor of Technology, Electronics and Instrumentation</i>	July 2011 - May 2015
COURSEWORK	Data Structures, Algorithms - Design and Analysis, Operating Systems, Advanced Computer Networks, Unix Programming, Database Systems	
ACHIEVEMENTS AND AWARDS	<ul style="list-style-type: none">- 'Pat on the back', Johnson Controls twice for outstanding contribution to the organization.- Scholar Memento Award for outstanding academic performance for three consecutive years, High School- Third Prize, Inter-School Debate Competition organized by RBI Patna	2007 2009