

# Chinmaya Kr. Patanaik

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<b>Objective</b>	Seeking a remote software internship position at a startup where I will be able to employ my skills to the fullest.
<b>Education</b>	<div><div><i>Master of Science,</i> Charles University in Prague, Czech Republic Concentration: Theoretical Computer Science</div><div>Oct 2014 - Present</div></div> <div><div><i>Bachelor of Technology,</i> National Institute of Technology, Silchar, India Concentration: Computer Science and Engineering</div><div>2007 - 2011</div></div>
<b>Professional Experience</b>	<div><div><i>Software Engineer</i> Xervmon Inc, Bangalore, India.</div><div>2013 - Aug 2014</div><ul style="list-style-type: none"><li>Built and scaled the core cloud deployment engine of the startup from scratch.</li><li>Achieved upto 70% improvement in execution speed by using distributed message queue(Gearman).</li><li>Integrated various cloud services(Amazon AWS, OpenStack, DigitalOcean etc.) into the core engine.</li><li>Managed and configured the back-end infrastructure using Ansible.</li></ul></div> <div><div><i>Junior Project Fellow</i> Indian Institute of Technology, Guwahati, India.</div><div>June 2011 - August 2012</div><ul style="list-style-type: none"><li>Worked on various aspects of malwares such as static and dynamic analysis, polymorphic and obfuscated malware detection, USB HID(Teensy++) related security issues.</li></ul></div>
<b>Projects</b>	<ul style="list-style-type: none"><li>Created a simple task list web application to create and manage tasks/ideas using Python(Django) and Mysql.</li></ul>
<b>Computer Skills</b>	<i>Programming Languages:</i> Python, C++, Mysql, MongoDB <i>Web Technologies:</i> Basics of HTML, CSS, JavaScript, Bootstrap, Django <i>Software Tools:</i> Git, Ansible, OllyDbg, IDA Pro, LaTeX <i>Operating Systems:</i> Linux(Ubuntu).
<b>Publications and Activities</b>	<ul style="list-style-type: none"><li>Github Profile - <a href="https://github.com/pattu777">https://github.com/pattu777</a></li><li>CodeEval Profile - <a href="http://tinyurl.com/bcltzgg">http://tinyurl.com/bcltzgg</a></li><li>Received scholarship from Charles University in Prague for 2014-15 year.</li><li>Chinmaya Kr. Patanaik, Ferdous A. Barbhuiya and Sukumar Nandi <b>Obfuscated Malware Detection Using API Call Dependency</b> First International Conference on Security of Internet of Things(Best poster paper award - SecurIT 2012).</li><li>Won the best poster paper award at SecurIT 2012.</li></ul>