

Roshan Piyush

S7, CSE, National Institute of Technology, Calicut

Github : <http://github.com/piyushroshan>

Contact

Mob : 9447884634

e-mail : piyushroshan@gmail.com

M-30/6, New Bcl Colony, Dugda,
Bokaro, Jharkhand- 828404

Education

Year	Degree / Certificate	Institute / School	CGPA / %
2010-2014	B-Tech, CSE	National Institute of Technology, Calicut	8.0 (of 10) till S6
2009	CBSE, Senior School Certificate / +2	Jawaharlal Nehru Memorial SS, Dhanbad	68%
2007	ICSE, Secondary School Certificate	De Nobili School, Chandrapura	90%

Key Skills

Languages	C, C++, Python, shell scripting, Core JAVA, MIT-Scheme(LISP)
Web Development Frameworks	HTML, CSS, SASS, JavaScript, Bootstrap, PHP(basics) Django, Drupal
Databases	MySQL
Version Control	GIT
Operating Systems	GNU/Linux, Windows7, Vista, XP, BackTrack4, Android

Projects

Vulnerability Assessment

- Testing the institution website for vulnerabilities. **Jan, 2012 – Present**
- Handling security issues with institution web servers under the guidance of Prof. Vineet Paleri, Department of CSE.

Web Developer

- Designed a web console for Bash Scripting event, Tathva '12 (**Python, HTML, CSS, JQuery, JavaScript**). **May, 2012 – Feb, 2013**
- Designed website of TEDxNITCalicut2013 (an independently organized TED event) (**Django, HTML, CSS, JQuery, JavaScript**). **Sep, 2012 – Oct, 2012**

App Developer

- Developed an Android application for Tathva '12 participants to keep track of events. **Oct, 2012**

Course Projects

- SIL: A Simple Integer Language compiler as part of Compiler Lab (**LEX/YACC**). **S6 – Winter Semester**

Internship

May, 2013 – Jul, 2013

Role	Team leader
Aim	Develop a <i>MOOC Prototype Course Studio Framework</i> for IIT Bombay.
Details	Enhancing features of edX-Studio and guiding and leading a team of 15 people, in collaboration with edX, a non-profit company by MIT and Harvard University under the guidance of Prof. Deepak B. Phatak, Department of CSE, IIT Bombay. Features implemented and worked on were <i>advanced course search, course categorization, video tagging, discussion forums and notification system, automated setup script, and handling proxy authentication</i> .
Technologies Used	Django, JQuery, JavaScript, SASS, Rake, GIT

Certifications / Workshops

Certified Information Security Expert	Innobuzz Knowledge Solutions	Certification No.: 23908
Advanced Ethical Hacking	Kyrion Digital Securities	Tech-Fest : Tathva '10
Cloud Computing Workshop	Green Add+	Tech-Fest : Tathva '11

Extra-Curricular Activities

- Lab Administrator for Software Systems Lab, Computer Science and Engineering Department.
- Senior Executive at Computer Science and Engineering Association (CSEA), NITC.
- Organizer at TEDxNITCalicut. (An independently organized TED event).

Activities and Interests

Interest	System Programming, System Security, Virtualization and have been working on to improve my skills and knowledge on the same.
Hobbies	Basketball, Badminton, Chess, Fiction movies