

# Chinmaya Kr. Patanaik

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## EDUCATION

### CHARLES UNIVERSITY

MASTER'S IN COMPUTER SCIENCE  
Oct 2014 - Present | Prague, Czech Republic

### NATIONAL INSTITUTE OF TECHNOLOGY

B.TECH IN COMPUTER SCIENCE AND ENGINEERING  
2007 - June 2011 | Silchar, India

## LINKS

Website:// Chinmaya Kr. Patanaik  
Github:// pattu777  
LinkedIn:// ChinmayaPatanaik  
Twitter:// @CPatanaik  
Skype:// @chinmaya\_patanaik

## SKILLS

### PROGRAMMING

Comfortable:

Python • Java • MySQL

Familiar:

HTML • CSS • JavaScript • Bootstrap •  
Django • Redis • MongoDB

### TOOLS AND ENVIRONMENT:

Git • Ansible • LaTeX • Ubuntu

## AWARDS

- Scholarship from Charles University for 2014-15.
- Best poster paper at SecurIT 2012 for "Obfuscated Malware Detection Using API Call Dependency".

## HOBBIES

Football, Travelling, Cooking

## EXPERIENCE

### CONCUR TECHNOLOGIES | SOFTWARE ENGINEERING INTERN, EXPENSEIT TEAM

July 2015 – Jan 2016 | Prague, Czech Republic

- Created an admin web application for Expenselt app.
- Designed and built a RESTful API service using Spring Boot in the backend and Hawt.io in the frontend.
- Built a module in PHP(Symfony) to migrate millions of production users from an older version to a newer version of our product.
- Created a Slack bot to manage expenses of a Concur account during the 2015 Concur Hackathon. Built with Node.js in 24 hours.

### XERVMON | SOFTWARE ENGINEER

Aug 2013 – Aug 2014 | Bengaluru, India

- Redesigned and built the core cloud deployment engine in Python from a legacy PHP codebase.
- Achieved upto 70% improvement in deployment time by using a distributed message queue(Gearman).
- Integrated various cloud services(Amazon AWS, DigitalOcean, Rackspace) into the core engine.
- Managed and configured the back-end infrastructure using Ansible.

### INDIAN INSTITUTE OF TECHNOLOGY | JUNIOR PROJECT FELLOW

June 2011 – Aug 2012 | Guwahati, India

- Worked on various aspects of system security such as static and dynamic analysis of malwares.
- Explored some of the security threats posed by USB HID(Teensy++) devices.

## PROJECTS

### LEARNING DJANGO | learningdjango.in

Apps that I built while learning Django

- Polls.
- Blog.

Github Repo - <https://www.github.com/pattu777/LearningDjango>

### ANSIBLE DJANGO | ANSIBLE PLAYBOOKS TO DEPLOY A DJANGO PROJECT ON A REMOTE SERVER

- Installing necessary packages.
- Setting up a Django project.
- Configuring Unicorn and Nginx.

Github Repo - <https://www.github.com/pattu777/Ansible-Django/>

### LUCY | A CLI TOOL TO GENERATE SOFTWARE LICENSE

- Written in Python.
- Uses Github v3 API to create license files.

Github Repo - <https://www.github.com/pattu777/Lucy/>