Chinmaya Kr. Patanaik

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EDUCATION

CHARLES UNIVERSITY
Master's in Computer Science
Oct 2014 - Aug 2016(Discont.) | 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**

SKILLS

PROGRAMMING
Comfortable:
Python • Django • Ruby on Rails • MySQL • Node.js • JavaScript
Familiar:
Bootstrap • Jquery • MongoDB
TOOLS AND ENVIRONMENT:
Git • RabbitMQ • Redis • Celery • Ansible • AWS • Ubuntu

EXTRAS AND AWARDS

• Created a Slack bot with Node.js to manage expenses - Concur Hackathon, 2015.
• Best poster paper at SecurIT 2012 for "Obfuscated Malware Detection Using API Call Dependency".
• Scholarship from Charles Universtiy for 2014-15.

HOBBIES

Football, Cooking, Solving sudokus

EXPERIENCE

BROWSERSTACK | Software Engineer
March 2018 – Current | Mumbai, India
- Decoupled the desktop and mobile device cleanup service from a rails monolith. Developed the service using Node.js, Redis and deployed through Ansible with zero downtime.
- Integrated Trello and Slack API into our core product to help users in filing bugs.
- Fixed various issues(blurriness, iOS display) with our WebRTC based streaming service.

HAPTIK INFOTECH | Software Engineer (Backend)
Sept. 2016 – March 2018 | Mumbai, India
- Built various chatbots(IPL, April fool, Earth hour, Mother's day) at scale in Django which helped in product growth.
- Designed a distributed real time cricket scores feature using Celery and Redis.
- Redesigned and built Reminders and Daily Fun channel(Top 2 most engaging features) from ground up.
- Reduced core reminders MySQL table by more than 80% by using a new cron based approach.
- Worked with Exotel and Amazon Polly API to manage a distributed reminder call service.

CONCUR TECHNOLOGIES | Software Engineering Intern, ExpenseIT Team
July 2015 – Jan 2016 | Prague, Czech Republic
- Designed and built a RESTful API service for admin application using Spring Boot in the backend and Hawt.io in the frontend.

XERVMON | Software Engineer
2013 – August 2014 | Bengaluru, India
- Redesigned the core cloud deployment engine(a PHP monolith) to achieve upto 70% improvement by using a distributed message queue(Gearman).
- Integrated various cloud services(Amazon AWS, DigitalOcean, Rackspace) via their Python bindings into the core engine.
- Managed and configured the back-end infrastructure on DigitalOcean through Ansible.

INDIAN INSTITUTE OF TECHNOLOGY | Junior Project Fellow
June 2011 – August 2012 | Guwahati, India
- Worked on various aspects of system security such as reverse engineering worms, static and dynamic analysis of malwares etc.

PROJECTS

ANSIBLE DJANGO | Ansible playbooks to deploy a Django project on a remote server
- Package installation, MySQL, Gunicorn and Nginx setup.

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/**