

Gyanendra Mishra

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London, UK

EDUCATION

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE

BE IN COMPUTER SCIENCE

July 2017 | Pilani, Rajasthan

LINKS

Github:// [h4ck3rk3y](#)

LinkedIn:// [mishragyanendra](#)

Twitter:// [@_gyani_](#)

COURSEWORK

UNDERGRADUATE

Information Retrieval

Machine Learning

Operating Systems

Cryptography

Compiler Construction

Design And Analysis Of Algorithms

Computer Networks

Discrete Structures

Database Systems

Network Security

Object Oriented Programming

SKILLS

PROGRAMMING

Proficient

Python • Java • C++

Familiar

Go • Javascript • C

Lua

TECHNOLOGIES

Hadoop • Elasticsearch • Redis

Kafka • Postgres • Cassandra

Flask • Dropwizard • Gin

RESEARCH

ITRUST CENTER FOR CYBER

SECURITY | RESEARCH ASSISTANT

Jan 2017 - June 2017 | Singapore

- Conducted research on the security of Cyber Physical Systems with a focus on Water Distribution Networks
- Developed tools to attack the in house Water Distribution testbed called WADI.

EXPERIENCE

PALANTIR FORWARD DEPLOYED ENGINEER

February 2019 - Present | Abu Dhabi | Java | Python

- Wear many hats, including Software, Data and Site Reliability Engineering
- Maintain and scale a large onprem data engineering infrastructure
- Lead our entity resolution effort spanning several big datasets
- Responsible for our internal audit platform and pipelines
- Develop and maintain several different Dropwizard services

BLOOMBERG L.P SOFTWARE ENGINEER

September 2017 - November 2018 | London | C | C++

- SSEOMS enables brokers to electronically trade equity and derivatives.
- Developed monitoring tools to monitor SSEOMS Fix Connections
- Enhanced client identification to better identify our clients buy side
- Improved the financial instrument look up for FIX messages

GO-JEK | PRODUCT ENGINEER INTERN

July 2017 - August 2017 | Bangalore, IN | Ruby | Java

- Spent the summer attending Go-Jek's software engineering boot camp authoring several successful blogposts in the process.

DIRECTI | SOFTWARE ENGINEERING INTERN

May 2016 - July 2016 | Mumbai, IN | Java

- Investigated penetration test reports for one of the worlds largest domain re-seller SaaS.
- Increased the overall security of the SaaS by building a hardened system free from the reported vulnerabilities.

NMAP | GSoC 2015| WEB SCANNING SPECIALIST

May 2015 - Aug 2015 | Remote | Lua

- Implemented several scripts and libraries for the Nmap Scripting Engine aimed at fingerprinting, detection and exploitation of web applications.
- Acknowledged at several places in the Nmap 7.0 release notes. Had a very successful Google Summer of Code 2015.

SIDE PROJECTS

TRIANGLE CI May 2020

- Wrote a tiny continuous integration platform that spins up docker containers allowing you to run and monitor unit tests.

GO-8 Apr 2018 - May 2018

- Developed an emulator of the Chip-8 platform capable of running games like PONG and INVADERS in an effort to learn emulation and Golang.

JASOOS February 2017

- A python static code analyzer that navigates the abstract syntax tree of Github repositories to identify security flaws.

VOLUNTEERING

INDIAN RED CROSS SOCIETY May 2015 - July 2015 | New Delhi, India

- Designed and built a web application in PHP for managing, contacting and deploying first medical responders.