

# Souradip Ghosh

## Software Engineer

A solid foundation of application security-related experience combined with 4 years of experience in UI design and Frontend development in THBS Web Applications(API Manager and Enterprise Repository) primarily on JQuery, JavaScript & Semantic UI. I aim to continue learning about what the field has to offer while specializing in specific areas, such as Application Security Testing and other Application Security-related fields.



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## WORK EXPERIENCE

### Frontend UI Developer

DM API Manager / Torry Harris Business Solutions Pvt. Ltd

08/2016 - Present

Bangalore

#### Achievements/Tasks

- Found vertical privilege escalation leads to entire application takeover vulnerability in DMAPIM and fixed it
- Found Billion laughs DOS attack on different THBS products and helped to mitigate it
- Trained team members about OWASP Top 10 vulnerabilities and mitigation techniques
- Automated application security testing activities using Burp Suite Professional Edition
- Nominated to be the team representative for all GDPR compliance activities
- Trained other teams on application security testing and created an environment set-up manual using Burp Suite Community Edition
- Learned application security using Burp Suite in very short time
- Redesigned and implemented one of the portals of the application entirely responsive.
- Explored alternative UI and JS frameworks for responsiveness and pre-built templates as a part of the UI and UX revamp PoC
- Designed and implemented Content Security Policy (CSP) for the product including phased upgrade of JQuery and Semantic UI libraries

### Frontend UI Developer

RepoPro 3.0 / Torry Harris Business Solutions Pvt. Ltd

08/2016 - 01/2019

Bangalore

#### Achievements/Tasks

- Designed, developed and maintained almost 75% of the UI
- Designed and developed data visualization tree using D3 enabling a clear view of asset relationship and inter-dependencies, ease of navigation
- Improved applications performance by implementing different UI techniques
- Secured the entire application from XSS attacks
- Performed manual/automated Security Testing of the web application

## SKILLS

Web Application Penetration Testing

JavaScript

jQuery

Semantic UI

HTML5

CSS3

W3 CSS

REST API

AJAX

JAVA

SQL

D3(Data-Driven Documents)

AWS (S3, Route 53, CM, Cloud Front )

## TOOLS

Burp Suite Community and Professional Edition

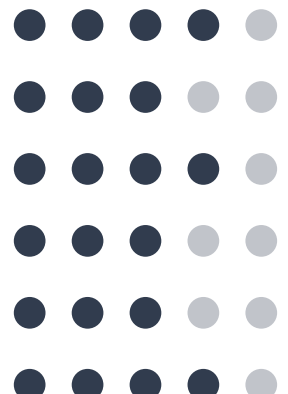
OWASP ZAP

Kali Linux

NMAP & ZENMAP

MySQL Workbench

Eclipse IDE



## LANGUAGES

Bengali

English

Hindi



## INTERESTS

Aquarist

InfoSec Enthusiast

## **EDUCATION**

### **B.E. in Electrical and Electronics Engineering**

Sir M. Visvesvaraya Institute of Technology,  
Bangalore

2012 - 2016

*B.E. in Electrical and Electronics  
Engineering with an aggregate of  
71%*

#### *Achievements*

- Ranked 7th in Shell Eco Marathon Asia 2015, Manila
- Quarterfinalist in Texas Instruments Innovation Challenge 2015, India

### **Higher Secondary Education**

Birbhum Zilla School, West Bengal

2010 - 2012

*Higher Secondary with an  
aggregate of 86%*

### **Secondary Education**

Birbhum Zilla School, West Bengal

2008 - 2010

*Secondary with an aggregate of  
90%*