




# Shirsendu 'Troy' Karmakar

## ENGINEER & HACKER

 <https://www.troysk.com>

 [troy@troysk.com](mailto:troy@troysk.com)

 +91 7503455305

 Bagdogra  
Darjeeling, West Bengal, IN

 <https://linkedin.com/in/shirsendukarmakar>

 <https://angel.co/troysk>

 <https://github.com/troysk>

 <https://stackoverflow.com/users/810911/troy-sk>

 <https://medium.com/@troysk>

 <https://twitter.com/troysk704>

 <https://facebook.com/shirsendu.karmakar>

 <https://soundcloud.com/troysk>

Troy hails from the foothills of Darjeeling, India. While earning his degrees he started freelancing as a web-developer. He crafted solutions using Wordpress, Joomla!, Drupal and PHP. After earning his masters degree he joined Tata Consultancy Services in Mumbai, India and used Java to help launch one of India's first SaaS products. He jumped onto the SlideShare wagon, which in 2011 was racing fast on Ruby-on-Rails. At SlideShare, he wore multiple hats and HTTParty'd till SlideShare's acquisition by LinkedIn. At LinkedIn, he focused on integration between different systems and technical stack. He also worked on analytics product which processed 1 billion events a day! Troy quit LinkedIn to work on his startups QREOH and Solidry. Both of which were shut down. Since then, he's been consulting with multiple companies remotely; helping them build high performance web apps and mobile apps.



## WORK EXPERIENCE

### UsabilityHub

Engineer

2017-11-01 - 2018-06-08

<https://usabilityhub.com>

UsabilityHub is a usability testing platform. Thousands of designers use it everyday to test their designs.

- Worked on building out the platform features
- Rails, React, Redux were the tools used
- Built multiple dashboards

### MapleNest

Engineer

2016-11-01 - 2017-10-14

<https://www.maplenest.com>

MapleNest sells home decor across the US and Canada. The focus is on handcrafted products.

- Built a hybrid platform based on Shopify APIs and Rails
- Build fulfillment automation system which can work with vendor pipelines
- Engineer #1

### Systemic JIA Foundation

Engineer

2015-12-01 - 2016-11-01

<http://systemicjia.org>

Zeebra is a platform for rare diseases. By bringing rare disease patients together and sharing their data.

- Built the platform for collect data of patients
- Optimized UX
- Sole Engineer

### Tripoto

iCTO

2015-09-01 - 2015-11-30

<https://www.tripoto.com>

Tripoto is a website to share itineraries.

- Built the unified search experience with third party integrations and recommendations
- Managed search optimizations
- Conceptualized newsfeed engagement and interactions

## FreshMonk

Consultant

2015-06-01 - 2015-07-30

<http://www.freshmonk.com>

FreshMonk - Zero investment T-Shirt selling platform

- Implemented the redesign of the product page

## Modish Store

Consultant

2015-06-01 - 2015-11-01

<http://www.modishstore.com>

Modish Store sells exquisite handpicked furniture from across the world to its buyers in the USA.

- Built analytics report tracking system
- Executed multiple A/B Tests to optimize designs

## SourceEasy

Consultant

2013-11-01 - 2014-03-31

<http://www.sourceeasy.com>

SourceEasy APIs for manufacturing

- Built version 1 of SourceEasy using Backbone and Ruby-on-Rails

## Solidry

Founder

2013-06-20 - 2014-10-31

<http://www.solidry.com>

Solidry was a 3D printing company.

- Conceptualized and built multiple 3D printers and 3D scanners
- Built multiple e-commerce platforms using Ruby-on-Rails and Wordpress

## QREOH

Founder

2013-04-24 - 2015-04-24

<https://www.qreoh.com>

QREOH was a marketplace for independent designers.

- As a founder, worked on branding, customer relations and designer onboarding
- Built a scalable marketplace platform using Ruby-on-Rails
- Worked on marketing and ran multiple successful content marketing campaigns
- Organized live events

## LinkedIn

Senior Software Engineer

2012-05-03 - 2014-04-17

<http://www.linkedin.com>

LinkedIn is the world's largest professional network

- Integrated SlideShare to use LinkedIn identity
- Built next generation analytics for authors of presentations
- Upgraded Ruby and Rails from legacy versions

## SlideShare

Software Engineer

2011-04-04 - 2012-05-03

<http://www.slideshare.net>

SlideShare is the world's largest professional content sharing network

- Worked on multiple projects to make presentations more accessible to everyone

- Ran multiple A/B tests to optimize conversion funnels of SlideShare's PRO offerings
- Performance optimizations on the frontend and backend

## Tata Consultancy Services

Assistant Systems Engineer

2009-11-30 - 2011-03-27

<http://www.tcs.com>

Tata Consultancy Services is one of the world's top software services company

- Worked on multiple multi-tenant apps for TCS's SaaS offering TCS iON
- Hacked Java Struts to work via AJAX on a legacy apps improving the UX

## Freelancer

Developer

2004-03-15 - 2009-12-02

<https://www.troysk.com>

As a freelancer I worked on over 100 projects

- Built sites using Wordpress, Joomla, Drupal and PHP
- Helped setting up local office networks and FM radio networks



## EDUCATION

### University of North Bengal

Master of Computer application

#### Master

2006-06-01 - 2009-06-01

### Siliguri College

Bachelor of Computer application

#### Bachelor

2003-06-01 - 2006-05-30



## SKILLS

### Web

*Intermediate*

JavaScript  
 Ruby  
 Ruby-on-Rails  
 Sinatra  
 Microservices  
 Bootstrap  
 MySQL  
 PostgreSQL  
 MongoDB  
 Redis  
 Hadoop  
 HBase  
 PHP  
 HTML  
 CSS

### Mobile

*Intermediate*

React Native  
 Ionic Platform

### User Experience

*Intermediate*

Photoshop  
 Sketch



## LANGUAGES

### English

*Full professional proficiency*

### Hindi

*Full professional proficiency*

**Bengali**

*Full professional proficiency*

**French**

*Reading comprehension*

**Nepali**

*Listening comprehension*



## INTERESTS

**Music**

Psytrance

Western Classical

Sufi

**Electronics**

ESP8266

Arduino

Raspberry Pi

Home Automation

**Travelling**

Digital Nomad

South-East Asia