

Shirsendu 'Troy' Karmakar

Software Engineer | Consultant | Remote Work

I'm an engineer who pairs hands on knowledge of engineering and UX design. Currently consulting with startups improving their performanc and scalability. I build solutions in languages such as Ruby, JavaScript and extensive expertise in product and project development methods. Using these knowledge and tools I'm able to help people and organizations improve their processes and develop systems. Part of the acquisition of SlideShare by LinkedIn. 12 years of experience in building web products. Working remotely for 3+ years with companies from the US to Australia.

Education

University of North Bengal

June 2006 - June 2009

Master of Computer application / Master

Work

January 2019 - Present

Consultant

Consulting with technology companies working to scale up.

Responsibilities:

- Building and delivering world-class products end-to-end
- Focus on fast iterations with clients
- Using React, Redux, Rails, nodejs and React Native to deliver blazingly fast apps

November 2017 - June 2018

Engineer

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

Responsibilities:

- Built interfaces and dashboards using React, Redux and Rails
- Rebuilt automated testing systems to use headless Google Chrome
- Reworked testers payout and selection mechanisms to be smarter

November 2016 - October 2017

Engineer #1

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

Responsibilities:

- Built eCommerce platform using ShopifyAPIs and Ruby-on-Rails
- Worked on implementing Elasticsearch backed browsing interface
- Automated fulfilment process for multiple vendor store using APIs, emails and manual updates

Engineer

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

Responsibilities:

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

September 2015 - November 2015

iCTO

Tripoto is a website to share itneries.

Responsibilities:

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

June 2015 - July 2015

Consultant

FreshMonk - Zero investment T-Shirt selling platform

Responsibilities:

- Implemented the redesign of the product page

June 2015 - November 2015

Consultant

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

Responsibilities:

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

November 2013 - March 2014

Consultant

SourceEasy APIs for manufacturing

Responsibilities:

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

June 2013 - October 2014

Founder

Solidry was a 3D printing company.

Responsibilities:

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

April 2013 - April 2015

Founder

QREOH was a marketplace for independent designers.

Responsibilities:

- 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

May 2012 - April 2014

Senior Software Engineer

LinkedIn is the world's largest professional network

Responsibilities:

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

April 2011 - May 2012

Software Engineer

SlideShare is the world's largest professional content sharing network

Responsibilities:

- 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

November 2009 - March 2011

Assistant Systems Engineer

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

Responsibilities:

- 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

Developer

As a freelancer I worked on over 100 projects

Responsibilities:

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

Skills

Web *Intermediate*

React Redux TypeScript JavaScript Ruby Ruby-on-Rails
Sinatra Microservices Bootstrap PostgreSQL
Site speed performance tuneup

Mobile *Intermediate*

React Native

User Experience *Intermediate*

Photoshop Sketch

Languages

English

*Full professional
proficiency*

Hindi

*Full professional
proficiency*

Bengali

*Full professional
proficiency*

French

Reading comprehension

Nepali

*Listening
comprehension*

Darjeeling

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