

Shirsendu “Troy” Karmakar

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EXPERIENCE

Independent Consultant, Remote

JULY 2015 - PRESENT

Worked on over 30+ client projects. Some majors ones are below:

Client 1: Builder.ai – Technical Architect

- Built interviewing platform with AI-based monitoring of facial expressions, audio and screen.
- Built Coding Interview automated evaluation platform for Ruby-on-Rails, Angular, iOS and Android.
- Built Face-Authentication for the web.

Client 2: Mobovida – Consultant @ CellularOutfitter.com

- React-ified legacy Shopify pages to decrease page load time by 70%.

Client 3: MapleNest – Founding Engineer

- Was recruited by the old SlideShare founders to lead tech for their next startup.
- Built a custom eCommerce platform to take the company from \$0 to \$1.2M+ USD in annual gross merchandise value in 12 months.
- Acted as the sole growth engineer, managing Facebook & Google ads, landing page optimization and SEO.
- Worked with the fulfillment team to automate manual sourcing from over 100+ vendors to decrease customer return rates by 50%.
- Tech Stack: Ruby-on-Rails, ShopifyAPIs, ElasticSearch.

Client 4: ModishStore – Consultant

- Acted as a growth consultant teaching the team SEO, keyword planning, page optimization, etc. Increased revenues by 20% in 6 months.

Client 5: Tripoto – Interim CTO

- Came in to lead their monetization plan for their 5M+ monthly readers. Built a system to automatically add hotel booking referral links to relevant articles.
- Managed a 20 person multi-disciplinary team across web, iOS, Android, design, etc.
- Tech Stack: PHP, MySQL, ElasticSearch, Ruby.

Client 6: FreshMonk – Consultant

- Redesigned and optimized the product pages to increase monthly

SKILLS

Languages: Ruby, JavaScript, TypeScript, Elixir

Libraries & Frameworks:

Ruby-on-Rails, React, Redux, Tensorflow.JS, Fast.AI, Phoenix

Databases: Postgres, MySQL, ElasticSearch, MongoDB?

Mobile App Development:

React Native, React Native for Web

Web Development: Frontend performance optimization, analytics-driven A/B testing, Responsive design

DevOps: Puppet, Capistrano, CI/CD setups

Organization: Architecture design, Agile methodologies, Remote team collaboration, and project management

revenues from \$25k to \$150k+ in 3 months.

- Tech Stack: PHP, MySQL.

UsabilityHub, Remote — Engineer

NOVEMBER 2017 - JUNE 2018

- Re-built the entire testers platform from server rendered HTML to a React/Redux single page app.
- Built a sophisticated automated continuous delivery system to run e2e tests, conduct staged rollouts and automatic roll backs.
- Tech Stack: React, Redux, TypeScript, Ruby-on-Rails, GraphQL.

QREOH, New Delhi — Founder

APRIL 2013 - APRIL 2015

- Built customer relationships and recruited 30+ designers to our platform.
- Built and managed a marketplace platform in under 2 months with a 50% repurchase rate.
- Ran multiple content marketing campaigns and pop-up events with over 2000 people attending.
- Sold product to TheSecretLabel.com.
- Tech Stack: Ruby, Ruby-on-Rails, Postgres, ElasticSearch.

LinkedIn, New Delhi — Senior Software Engineer

MARCH 2013 - APRIL 2014

- Built next generation analytics for authors of presentations and videos which processed a billion events on Day 1.
- Upgraded Ruby and Rails of a 7 year old codebase in 4 months with almost zero downtime.
- Tech Stack: Ruby, Ruby-on-Rails, Backbone.JS, Hadoop, HBase, Kafka, node.js, MySQL.

LinkedIn, New Delhi — Software Engineer

MAY 2012 - MARCH 2013

- Integrated SlideShare to use LinkedIn profiles by leveraging OAuth implementations enabling seamless logged-in experience for 20M users.
- Lead 4 member team to build features for 20K PRO customers and then scale them to 20M users.
- Tech Stack: Ruby-on-Rails, OAuth, MySQL, JavaScript.

SlideShare, New Delhi — Software Engineer

APRIL 2011 - MAY 2012

- Contributed to building JavaScript based presentation and video players replacing Flash players resulting in 20% faster time to first byte (TTFB).
- Ran multiple A/B tests to optimize conversion funnels of

EDUCATION

Masters in Computer Applications

North Bengal University, Siliguri

2006 - 2009

#1 in University

Bachelors in Computer Applications

Siliguri College, Siliguri

2003 - 2006

#1 in College

SlideShare's PRO offerings, increasing subscriptions by 40% YoY and taking monthly revenue run rate to \$2M USD.

- Tech Stack: Ruby-on-Rails, MySQL, JavaScript, jQuery.

Tata Consultancy Services, Mumbai — Assistant Systems Engineer

NOVEMBER 2009 - MARCH 2011

- Worked on HRMS and payroll multi-tenant solutions at TCS iON with over 40 clients.
- Hacked Struts to work via AJAX on legacy apps improving the UX, decreasing page load time & product development time by over 50%.
- Tech Stack: Java, Apache Struts, JavaScript, jQuery.

Tata Consultancy Services, Kolkata — Intern

JANUARY 2009 - APRIL 2009

- Worked with Oracle web support team to provide technical support to Oracle DB users from 50+ nations.
- Tech Stack: Oracle 8i, 9i, 10g, 11g, Java Server Pages.

Freelancer, Remote

MARCH 2004 - NOVEMBER 2009

- Worked on over 100 projects from India, US, UK, Singapore etc.
- Helped setting up local office networks and FM radio networks.
- Tech Stack: Wordpress, Joomla, Drupal, PHP, JavaScript, TCP/IP networking.