Rahul Sekhar

93, 30th cross road
Banashankari Stage 2
Bangalore – 560070, India
✆ +91 9916746045
✉ sekhar.rahul@gmail.com

As a programmer I find great satisfaction in seeing a problem tackled completely and elegantly. I involve myself whole heartedly in what I do and pride myself on my ability to pick up new tools and languages quickly.

Work Experience

I have worked as a freelance web developer since August 2011, collaborating with some incredible designers. Some of the projects I've completed:

Ruby on Rails / AngularJS — **Nature Conservation Foundation**, http://ncf-india.org.
The Nature Conservation Foundation (NCF) is an organisation with a complex internal structure. A comprehensive administration section to manage this structure and site content was created in addition to the public facing website.

Wordpress — **SHARAN**, http://sharan-india.org.
A non-profit organisation with the goal of spreading awareness about holistic health and an ecologically sustainable compassionate lifestyle. Their website was redesigned to effectively display the wealth of information and resources they have, and allow users to easily register for events and consultations through a payment gateway.

Ruby on Rails — **Story Revolution**, http://storyrevolution.in.
An online children's book store for both used and new books. Includes an interface for users to browse through and buy books and an administration interface to manage books, orders and finances.

Wordpress — **Kaveri Trail Marathon**, http://kaveritrailmarathon.com.
An annual run along a tributary of the Kaveri river. The site is intended to showcase the beauty of the surrounding area and concisely give runners the information they need.

Wordpress — **Bangalore Ultra**, http://bangaloreultra.com.
An ultramarathon event in Bangalore. The site has scrolling animations and transitions that form a story to immerse visitors.

Ruby on Rails / AngularJS — **School Journal System**.
An internal system for schools. It allows teachers, parents and students to easily communicate, keeps track of students academic progress and serves as a record of their work. Currently used by Shibumi, a school in Bangalore and Inwoods, a school in Hampshire, UK.

Technical skills

Languages — Proficient in Ruby, Javascript, PHP. Some experience with Python, embedded C, shell scripting

Frameworks — Significant experience with Rails, AngularJS, Wordpress

Testing — Behaviour driven development and thorough unit and acceptance testing.

Other projects

Education | Conducted a short workshop for children aged 13–15 at the Shibumi school. Introduced the children to the basics of programming and guided them in building their own obstacle avoiding robots using Arduinos.

Robotics | Authored and presented a paper at the 2012 IEEE International Conference on Emerging Signal Processing Applications (Las Vegas, USA), titled "Inertial Sensor Based Wireless Control of a Robotic Arm" based on a prototype constructed.

Electronics | Built an interactive poster on biodiversity for the Nature Conservation Foundation. The poster was displayed at the 2nd Asia Regional Conference of the Society for Conservation Biology at IISc, Bangalore and is currently housed at the Mysore headquarters of NCF.

Education

2007–2011 | **BMS College of Engineering**, *Bangalore*.
B.E. in Telecommunication Engineering – First Class

1995–2007 | **The Valley School**, *Bangalore*.
Indian School Certificate (ISC) – First class

Interests and extra-curricular activity

Music | A passionate guitarist, I play in a small band and am in the process of writing and recording material for our first album.

Hiking | I enjoy treks and have completed a basic mountaineering course at the Himalayan Mountaineering Institute, Darjeeling with an A grade.

Sport | A cyclist and runner, I've taken part in multiple runs and am currently training for my first half marathon.