

Want to continually seek assignments and responsibilities that challenge me, with an opportunity to mature, learn and create something new everyday.

EDUCATION

Indian Institute of Technology, Patna

B.Tech, Computer Science and Engineering
Graduating: May 2016
Cumulative Progressive Index: 9.48* / 10

*For 6/8 semesters

Seth M.R. Jaipuria School, Lucknow

Intermediate (Class 12th) ISC 2012
Percentage: 95%

High School (Class 10th) ICSE 2010
Percentage: 96.4%

COMPUTER SKILLS

- » **PROGRAMMING LANGUAGES** Java, C, Scala, Linux shell scripting.
- » Also have knowledge of Haskell, Perl, Awk, Python.
- » Qualified among top 1000 contestants in **GOOGLE CODE JAM**.
- » **WEB TECHNOLOGIES** HTML5, CSS5, JavaScript, PHP.
- » **VERSION CONTROL** Git, Bazel
- » **JAVA TECHNOLOGIES** RMI, JDBC, Sockets, Multi Threading, JUnit, Swing/AWT, Maven
- » **SCALA TECHNOLOGIES** Slick, sbt, specs2, Play and Akka
- » Basic knowledge of Computer Organization and Architecture.
- » Worked with XMPP protocol.
- » Intermediate knowledge of image-manipulation program GIMP and basic knowledge of animation on Blender.
- » Completed a software management course in college.

EXPERIENCE

» SOFTWARE ENGINEERING INTERN AT GOOGLE INC. [May 2015 - Aug 2015]

Worked with the Interactive Media Ads SDK team to prototype, design and develop an Android app that helps video ad publishers using the Android SDK to test a VAST ad tag or a VAST XML for consistent behaviour and for trouble-shooting problematic ads.

» COLLABORATOR IN SLICK PROJECT [Sept 2014 - Present]

I am now working as a regular contributor to Slick Project. My work involves fixing bugs, writing codes for RFEs and coordinating the changes in "plain SQL" code in the project.

» GOOGLE SUMMER OF CODE [Summer 2014] worked for the Scala Team on the Slick Project.

Slick is a functional database access library written in Scala that provides a type-safe DSL for writing database queries. To help extend this type safety to raw SQL queries, I developed a string interpolated macro "tsql" that can type-check and type infer data types in a raw SQL query all at compile-time.

PROJECTS

» WEB APPS

1. BeLiMS [Mar, Apr 2014]: a RESTful HTTP Server Client application for a Library Management Software (Scala - Play Framework with H2db, HTML5, CSS3, JQuery) to be used in college.
2. quizzer-php [Oct 2013]: Created a Web app for online treasure hunt game (HTML5, CSS3, PHP5 and MySQL)
3. aeis [Sept 2013]: a client management app (HTML5, CSS3, PHP5 and MySQL).

» HARDWARE PROJECT

[Mar, Apr 2014] Developed a working 4-bit CPU with primary operations in hardware using basic gates.

» JAVA PROJECTS

1. IElectemplate [2011 - 2012]: a sockets based application for conducting school/college elections.
2. quizzionnaire [2010 - 2011]: a desktop LAN RMI based application for conducting a quiz session.

POSITIONS OF RESPONSIBILITY

- » Cultural Secretary [May 2014 - May 2016] at Student Gymkhana, IIT Patna.
- » Cultural Coordinator [Aug 2014 - May 2015], member of Core Committee for Anwesha 2015, IIT Patna's techno-cultural fest.
- » Coordinator NJACK [Aug 2014 - May 2015], the department club for Computer Science at IIT Patna.
- » Task Manager [Sept 2013 - May 2014] at Events Department of Entrepreneurship Club, IIT Patna.
- » Head-Boy of School [Apr 2011 - Apr 2012].

OTHER SKILLS / INTERESTS

- » Fluent in written and spoken English and Hindi. Basic knowledge of Sanskrit.
- » Performed at various school-level college-level drama competitions. Director / Screen-play-Writer of College Drama Team.
- » Fan of Agatha Christie, David Baldacci, Amish Tripathi, John Grisham and member of College Literary Club.