

# Amit Kumar Chandra

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## WORK EXPERIENCE

### Open Source Contributions

March 2016 – Till Date

- Mozilla Core: Bug [1229589](#) – Improved efficiency of TCP connectivity by removing stale input streams. (to be shipped as a part of Firefox 49)
- Mozilla Core: Bug [1262646](#) – Changed the implementation of a string variable to optimize the time taken to allocate memory and then write to it. (to be shipped as a part of Firefox 48)
- Firefox Developer Tools: Bug [259227](#) – Changed the regular expression of the file name to show complete name until the extension. (merged into the main branch)
- Mozilla Developer Network pages: Bug 1242932 – Changed a few portions of the MDN Pages used as a popular reference for web-app development by developers around the world.

**Bugzilla Profile:** [https://bugzilla.mozilla.org/user\\_profile?login=amitforfriends\\_dns%40yahoo.com](https://bugzilla.mozilla.org/user_profile?login=amitforfriends_dns%40yahoo.com)

### Ernst & Young (EY)

July 2014 – March 2016

#### Audit Support

- Reviewed IT General Controls and Application Controls around industry-standard ERP for mid-size Retail Chain, fastest growing Cement-manufacturing firm in southern part of India and one of the largest textile company.
- Helped design and test the Internal Financial controls (required for IFCR) for one of the largest Textile Company in East India and a cement manufacturing company in South India.
- Reviewed SOX Compliance around the IT related controls for a telecom company in Bangladesh acquired by a telecom giant in Russia.
- Helped design and review SOX Compliance around IT related controls for the world's largest producer of spirits and a liquor major. Designed a control which was then implemented across India.
- Performed JE testing and analysis for one of the leading research organization involved in pharmaceutical, biotechnology and medical device industry, one of the largest FMCG in the world and leading manufacturer of battery cells in India.

#### Advisory

- Performed Software License review at a very dynamic, agile and fastest growing company in the mobile ad-market in India. Helped the firm design a script for easy collection of related data for Linux and Mac OS.
- Helped the largest telecom company in Bangladesh in designing their Information Security policies.

## EDUCATION

**B. P. Poddar Institute of Management and Technology**, Kolkata, West Bengal, India

June 2014

(Affiliated to West Bengal University of Technology)

**Bachelor of Technology in Computer Science and Engineering with a DGPA of 8.18**

**Dr. S. P. M. Inter College Sindri**, Sindri, Jharkhand, India

May 2009

(Affiliated to Jharkhand Academic Council)

Passed Intermediate of Science Examination with 64.8% aggregate.

**De Nobili School**, CFMRI, Jharkhand, India

May 2007

(Affiliated to Council for Indian School Certificate Examinations)

Passed ICSE Examination with 84% aggregate.

## PROJECTS

- Completed MOOCs:
  - R Programming on Coursera
  - DEV210x: Introduction to C++ on edX
- Final Year Project on Computer Science Departmental Website using the technologies – PHP, HTML, JavaScript, jQuery. This was then deployed on the Openshift platform and is available at <https://cseddept-wiz.rhcloud.com/signup.php>. The Source Code is available at <https://github.com/wizAmit/cseDept>.
- Testing for WAN optimization using Riverbed® Steelhead® appliance in TATA STEEL.
- Project on Inventory Control System (User Interface only).

## SKILLS

- Languages: C, C++, R, PHP, HTML, CSS, JavaScript, jQuery
- Tools: git, packer, vagrant.
- **Github:** wizAmit;

## COMMUNITY INVOLVEMENT

- Volunteer at Fanta-C (C coding during TechFest)
- Co-Curricular Activities / Student Org Positions
  - Had been a member of Tarumitra Organization.
  - Had been an editor for School Magazine