

Pallab Mahmud
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Education

M.Sc. in Computer and Information Science, **CGPA 3.72 out of 4**
University of Oregon, Eugene, Oregon.

June, 16

B.Sc. in Computer Science and Engineering, **CGPA 3.51 out of 4**
North South University, Dhaka, Bangladesh.

January, 11

Technical Skills

Languages: Java, JavaScript, Python, C, C++, Shell Scripting, PHP, OCaml.

Methodologies: Agile/Scrum, Iterative and Spiral.

Version Control: Git, Perforce, Subversion.

Databases: MongoDB, MySQL, Oracle, SQLite.

IDEs: Atom, Vim, Sublime, Web Storm, IntelliJ Idea, Eclipse, Netbeans.

Frameworks: NodeJS, AngularJS, Express, MEAN, LAMP stack.

Tools: Gulp, Grunt, Yeoman, NPM, Bower, Jasmine, Mocha.

Platforms: Linux, OS-X, Windows, Android.

Development Boards: Raspberry PI, Arduino, Atmel ATmega boards.

Work Experiences

Graduate Teaching Fellow (Full Stack JS Developer)

Innovation and Partnership Services, University of Oregon, Eugene, Oregon.

- Developed two separate web portals to facilitate the patents, license and project artifacts management of UO using **NodeJS, AngularJS, MongoDB, and Express**.
- Improved user interface and user interaction for the IPS affiliated sites.

*Sep, 15–Present
and
Sep, 14–Jun, 15*

Software Engineering Intern

CDK Global, Portland, Oregon.

- Worked in CDK insight portal using **NodeJS** and **AngularJS, D3, C3 and AngularChart**.
- Developed a markdown based inter-company API documentation portal using **NodeJS** and **AngularJS**.
- Organized a workshop on modern full-stack web development. [<http://bit.ly/1esakfc>]

Jun, 15–Sep, 15

Software Engineer

Samsung R&D Institute, Dhaka, Bangladesh:

- One of the primary developers of two in-house debugging tools, **Android Dumpstate Analyzer**, and **AndroidLive**. Used Java, threads, Swing/AWT, graphics2d, jfreechart, and Perforce.
- Implemented three modules of Android Dumpstate Analyzer that transforms raw system log data into graphs and tabular data to ease the debugging process.
- Designed the core architecture and implemented four modules of **Android Live**, a real-time tool to monitor the processes, events, system calls, and resource usage of a connected Android device.
- Our team was awarded **Iconic team of the month** for August 2012 for our contribution
- Went through two three-months long Android system training in Samsung HQ, South Korea.
- Conducted 12 workshops on team methodology and software engineering principles for the new recruits.

Dec, 11–Aug, 14