Ashish Jindal

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Education

- **Rutgers University - New Brunswick** — New Jersey, US
  MS in Computer Science; GPA : 4.0 — *Aug. 2015 – May. 2017*
  - Key Courses: Data structures and Algorithms, Operating Systems design, Database Systems Implementation

- **National Institute of Technology - Hamirpur** — Himachal Pradesh, India
  B.Tech. in Electronics and Communication Engineering; CGPI : 7.83 — *Aug. 2008 – May. 2012*
  - Key Courses: Digital electronics and Logic Design, Data Structures, Microprocessors, Micro-controllers and Embedded System design, Mobile Communication, Differential equations and Probability

Experience

- **Nagarro Softwares pvt. ltd.** — Gurgaon, India

  Quicken: Accounting Software by Lexware — *Jul. 2012 – Jun. 2014*
  - Implemented front end application components - Navigation bar, Title bar, Buttons, Dialogs, MDI windows etc. using WIN32 and MFC as per UX team requirements.
  - Independently revamped many legacy features in application's code. One of the major one's was a WIN32 based custom control called Quickfill.
  - Worked on many poc tasks in the application leading to major feature upgrades. Application's navigation bar was one such major contribution from my side.
  - Analysed the code for budget feature of the application and prepared the design for its revamped version.

  UFD: Unified Fleet Distribution System by TTX — *Jul. 2014 – Sep. 2014*
  - Ported the server side C++ code from x-86 to x-64 architecture
  - Reduced the build time of the project from 1.5 hours to 30 minutes; by tuning project settings like pre-compiled headers, build output verbosity, compiler optimization settings etc.
  - Implemented an application to automate the log analysis process for the QA team.

  CAP Webapp: Web application for College of American Pathologists — *Dec. 2014 – Jul. 2015*
  - Analysed user requirements and provided development estimations to product owner.
  - Worked with product owner's development team for implementing new features into the application.

  LDrive: Web based Supply chain management system for Lufthansa — *Mar. 2015 – Jul. 2015*
  - Implemented data export in Excel format using Apache poi.
  - Resolved application defect incidents reported by customers.

Skills

Languages: C (Proficient), C++ (Intermediate), Java (Intermediate), HTML (Proficient), CSS (Intermediate), JavaScript (Beginner), SQL (Beginner)

Technologies: MongoDB (Beginner), SpringMVC (Intermediate), Hibernate (Intermediate), Spring Security (Beginner), Apache Tiles (Beginner), Hadoop (Beginner), AWS [S3, EMR, EC2] (Beginner)

Projects

Linux Scheduler: Implemented Multi level feedback Queues based scheduler in Linux kernel 2.4 and compared its performance with the older O(n) scheduler.

UFS based File system: Implemented a basic version of Unix File system which supports create/delete/read/write of files using direct indexing and also supports mkdir/rm/ls on directory entries.

Wikipedia data analysis using Hadoop: Analysis of Wikipedia page popularity trends using a simple baseline algorithm and comparison of relative page ranks of various Wiki pages using Map-Reduce. Nominated as best project in class.