

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

Work Experience

- **Nagarro Inc** 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 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 portal 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), Bootstrap (Intermediate), 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 using Fuse module; 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.