

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** 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 ones 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.
– Implemented an application to automate the log analysis process for the QA team.
Ldrive: Web based supply chain management system for Lufthansa Jan, 2015 – Jul, 2015
– Implemented data export in Excel format using Apache poi.
– Resolved application defect incidents reported by customers.
– Worked with product owner's development team for implementing new features into the application.

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.

Awards

Most Promising Fresher: Received this award from my employer - Nagarro, as an appreciation for gaining project domain knowledge in a short period of time..