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PRASHANT CHHABRA

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TECHNICAL SKILLS

- Java, C++, C, HTML, CSS, JavaScript, C# (basic)
- SQL, Oracle 11g, PL-SQL, MySQL
- Spring, JSP, JUnit, Mockito, XML, JSON, Unix/Linux
- Git, SVN, Maven, unit-testing, integration testing, Google App Engine
- Object-oriented programming, MVC, Agile processes, Distributed scrum
- Eclipse, Visual Studio, JIRA, Agilefant, Microsoft Office

EDUCATION

MSc. Computer Science, University of Victoria, Canada (Aug 2015) | CGPA 8.43/9

- Courses: Startup Programming, Computer Supported Collaborative Work, Global Software Engineering, Data Mining, Multimedia Systems, Research Skills and Cryptography.

Diploma, Advanced Computing, Centre for Development of Advanced Computing, Pune, India (Aug 2013) | Grade A

- Subjects: Software Engineering, Operating Systems, Database Technologies, Java, C++, C#, J2EE and Web Programming.

B.Tech., Electronics & Communication, Maharshi Dayanand University, India (2011) | First Division

- Relevant Subjects: Fundamentals of Computers and Programming, Data Structures, Computer Networks.

WORK EXPERIENCE

Service Portal System Developer Co-op, Alcatel-Lucent, Kanata

05/2015 – 08/2015

- Web development and testing of Service Portal.
- Developed command line utilities.
- Technologies - Java, Spring, Maven, JSP, JUnit, SVN.

Software Developer Co-op, BlackBerry, Waterloo

05/2014 - 08/2014

- Implemented web services for BlackBerry Enterprise Server.
- Worked in a Scrum Agile process with two-week sprints.
- Wrote Unit tests, Integration tests and end-to-end tests.
- Fixed bugs and Improved log messages.
- Technologies - Java, Gerrit, JIRA, mockito, Git version control, SoapUI, Eclipse IDE, Confluence.

Teaching Assistant, University of Victoria

09/2013 – 04/2014, 09/2014 - 12/2014

- Instructed labs and marked assignments and projects of first year computer science courses.

Research Assistant, University of Victoria

04/2014

- Researched to support the hypothesis that teaching distributed scrum is the right way to teach Distributed Software Engineering to the students.
- Analysis of Git repository to compute socio-technical dependencies in distributed scrum teams.

PROJECTS

Sentiment Analysis on reviews of Yelp Dataset (2015): Developer in a 3-member team.

(<https://github.com/prashantchhabra89/Sentiment-Analysis-of-Yelp-Reviews>)

- Performed natural language processing on yelp reviews dataset to predict rating of reviews from review text.
- Used and tweaked various data mining algorithms (Naive Bayes, Multinomial Naive Bayes, K Nearest Neighbors, J48, Random Forest and Support Vector Machine) to achieve 94.64% accuracy.
- Technologies used: Weka, arff, MySQL, CSV, JSON, Java LingPipe.

Power-Planner (2014): Developer in a 5-member team.

(<http://power-planner.appspot.com/>)

- Developed a web application for identifying areas of sustainable power generation and finding sustainable power generation potential of a specific area.
- Technologies used: HTML, CSS, JavaScript, Java, Google App Engine, Google Maps API, Git, JSON

and Eclipse IDE.

Backlog Management Software (2014): *Developer in a 24-member globally distributed team (collaboration with Aalto University, Finland)*
(<https://play.google.com/store/apps/details?id=com.agilefant.mobile>)

- Developed a Single Page Application for mobile app of Agilefant (backlog management software) in 5 two-week sprints.
- Technologies used: HTML, CSS, JavaScript, AngularJS, bootstrap-ui, Cordova, Android, GitHub and distributed scrum practices.

Audio/Video Player (2014): *Sole Developer* (<https://github.com/prashantchhabra89/Audio-Video-Player>)

- A media player to play local as well as remote (stream) audio and video files. It has basic media controls like play-pause, rewind, forward. It also displays playback time and seek bar.
- Technologies used: Java, Swing and JMF (Java Media Framework).