Navjot Singh

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[[Linkedin Profile]/[GitHub Profile]/[Website]]

Profile

Bachelor's in Computing from National College of Ireland, and holding experience in Software Programming technologies, Web development, Database, and Internet Security through 7 months internship at SAP SE and being a Freelance Developer (since 2014). Result-oriented and goal driven along with precise decision-making and having high attention to details. To work in pragmatic way in an organization where I can show my talent and enhance my skills to meet company goals and objective with full integrity.

Educational Qualification

- **BSc. Hons in Computing: Software Development at National College of Ireland**, *Sept 2013 -Aug 2017*
  Achieved: *2.1 (Upper Second-Class Honours, Grade 1)*
  Key Modules
  - Data structure and algorithm using Java
  - Distributed Systems and API Development
  - Cloud Application Development
  - Mobile Application Development
  - Relational Databases and SQL
  - Object Oriented Programming
  - Work Placement
  - Wireless Networking
  - Artificial Intelligence

- **Higher Cert. in Computer Application and Support at National College of Ireland,** *Sept 2013- Aug 2015*
  Achieved: *Merit Grade 1*
  Key Modules
  - Advance Database Management (MySQL)
  - Operating System and Computer Architecture
  - Object Oriented Engineering (DML, ERD)
  - Advanced Programming with Java and C++

Work Experience

- **SAP SE (Dublin, Ireland)**   *Jan 2016 - Aug 2016*
  Software Developer (Internship)
  - Created and participated in software planning and estimating, execution and testing.
  - Developed web services using REST in Java and set up database (MySQL).
  - Developed an IOS application client to leverage the web service.
  - Software Testing (Unit Testing, Integration Testing, Usability and System Testing).
  - Maintained and updated GitHub repository with version control tools.
  - Organized and lead seminar and workshop on new Innovations and Technologies (worked with the team).

- **Freelancer, Navsingh Org (Dublin, Ireland)**   *Jan 2014 - Present*
  Freelance Software Developer
  Work with small businesses to deliver high quality software -
  - Web Development and Design
  - Java Desktop Applications
  - Mobile Application Development (Android and IOS)
  - SEO, Internet Marketing, Email and Phone Support

Skills

- ***Programming Languages***: JAVA, Swift, C, C++, C#, Ruby, IOS, Android, MySQL
- ***Web Technologies:*** Jersey, JSP, Servlets, Spring MVC
- ***Databases:*** MySQL, SAP HANA, MS Access, MS SQL Server
- ***Markup Languages***: HTML5, XML, PHP   • ***Scripting Languages***: JavaScript, Jquery, CSS

Project

- Meeting Room Pro (MRPro) – [Github Code](#) + (Commercial Standard Software Project [Documentation](#))
  MRPro is an IOS based mobile app build for finding, navigating (indoor navigation using GPS and beacons) and booking meeting rooms in large Corporate buildings, hotels and University Campuses where finding rooms is not easy because of multiple buildings and floors. Project makes use of latest technologies and innovation to bring a smart solution to complex problems, the project also has a great commercial potential in the future. App Features: Building List and Search, Gallery, Smart Navigation (Maps 3D), Review System, Booking System. Individual Final Year Software Project. Project Business Page: [Link](#)
  Technologies Used: -
  - ➢ IOS Platform (Swift, XCode, Coocapods) app compatible with iPhone and iPads running IOS 9.3+
  - ➢ Geo-Spatial Data for storing Building and meeting rooms as Polygons in MySQL Database
  - ➢ PHP CodeIgniter (MVC) to develop a Web Service for exposing data and accepting requests
  - ➢ Agile methodology (SCRUM software development framework)

- NSV Bank [Maven Web Application Development] | GitHub: [Link](#)
  NSV Bank is a project where we aimed to develop a Secure Online Banking System. The project had two parts: Developing - REST API using Jersey in Java and a Client application with GUI to make use of the API to provide all the features of Online Banking such as: Adding Customer Account, Check balance, Transfer Funds etc.
  Team project: I lead the project with a team of 4 people, managing project, providing support to team, build communication channels etc, to ensure a successful project.
  Technologies used:
  - ➢ Java (Jersey(REST), JAXB, Persistence), NetBeans
  - ➢ Agile methodology (SCRUM software development framework)

- Navsingh Org [Technology blog, QR Generator, Email Client, Cloud Storage, Forum] | Website: [Link](#)
  This is a website project that I started in Jan 2014, and it's still going on its a project where, I have expressed my love and passion towards technology. The website is a custom designed WordPress website where I blog frequently, a QR code generator tool which allows customisation beyond other tools, a personal email client like Gmail and cloud storage like Dropbox over secure https connection. The website has thousands of visitors from around the globe due to its strong SEO, the website makes use of Google AdSense and affiliate marketing to generate revenue.
  Technologies Used:
  - ➢ PHP, HTML, CSS, MySQL Database, Apache Server, WordPress, BBPress
  - ➢ Google AdSense, Piwik, Google Analytics, RainLoop, OwnCloud

Achievements

- Secured Scholarship from Google for Advanced Android Development Course and Certification.
- Received a Medal for completing 10K Virgin Media Night Run, Received Bronze Medal for 100m Race.
- Successfully completed IELTS with 6.0/9.0 bands (International English Language Testing System).
- Two Published apps on Google Play store: [Easy Tracker](#), [Navsingh Theme for WordPress](#).
- Two successful websites with thousands of visitors from around the globe ([Navsingh.org.uk](#), [Gymandnutrition.com](#)).

Hobbies and Interests

- Sports   : Played in College and Town level Cricket Competitions, Table Tennis, and Marathons.
- Societies &Clubs: Member of International Student and NCI Cricket Club.
- Literature   : Keen reader of Tech News Websites ex: -Techcrunch, IEEE Journals and Magazines.
- Charity   : Volunteer for NCI Early Learning Initiative and CoderDojo.