Sachin Garg

CONTACT INFORMATION	489, Housing Board Colony Jind, Haryana, India Email: sachinjnd@gmail.com Pin Code: 126102 LinkedIn: linkedin.com/in/sachinjnd

EDUCATION

Indian Institute of Technology Delhi
B.Tech in Electrical Engineering   May 2015
- Cumulative Grade Point Average: 8.34

Indraprastha Convent Public School, New Delhi
AISSCE (CBSE - Class 12)   March 2011
- Marks Secured: 92.20 %

D.A.V. Centenary Public School, Jind
AISSE (CBSE - Class 10)   March 2009
- Marks Secured: 97.80 %

COMPUTER SKILLS

Languages:	C++, Java, Python, Javascript, PHP
Web Technologies:	HTML5, CSS, NodeJS, Angular, React, MongoDB, SQL
Softwares / Frameworks:	ExpressJS, Spring, Wordpress, MATLAB
Others:	Android App Development, Git, SVN

NGO

Co-founder, Helpiez (www.helpiez.org)   (Dec 2014 - June 2015)
New Delhi
- Successfully launched Beta version of volunteering management & social networking portal
- Developed responsive platform using **PHP, jQuery, Javascript, MySQL** & **Bootstrap**
- Contracted with over **10** college **NSS** societies and **25 NGOs** to start using Helpiez

WORK EXPERIENCE

Software Development Engineer, Times Internet Ltd   (July 2015 - Present)
The Digital Venture of Times of India Group, Noida

Single Sign On (SSO)
- Working on Java (Spring) based secured user authentication process to automatically login across all products of The Times Group and maintaining database of over 7 crore users
- Designing architecture to integrate SSO, catering to the requirements of various products

SSO Cross-App Login Mobile SDK
- Implemented JS Bridge to facilitate web to native callback for Android and iOS
- Developing the backend APIs and assisting in Android SDK development

Data Integration in SOLR
- Integration of data for various affiliates including Amazon, Flipkart, Snapdeal etc
- Developed an automated process for data processing and updating in SOLR

Face Detection and Recognition
- Developed face and eyes detection module using Python and OpenCV Haar Cascades
- Designed a Face Recognition System to match the detected face in the celebrities database
- Implemented the same to develop an Android application to perform face recognition

Felicitated with the **Aspire Award** for exhibiting outstanding performance

Software Engineering Intern, Amagi Media Labs   (May 2014 - July 2014)
Targeted TV advertisement across 25 countries, Bangalore
- Implemented **WebSockets** replacing HTTP in device-agent and cloud communication
- Developed **Web app** using **Angular**, **Bootstrap** and **NodeJS** to provide User Interface for device-cloud Transport Server to manage content and track upload progress
- Achieved reduction in bandwidth usage and improvement in Client-Server communication

Summer Intern, Gosonix   (May 2013 - July 2013)
Sales Consulting Division of Markitbiz Solutions Pvt. Ltd., Bangalore
- Evaluated the feasibility of venturing into **B2B** space in **International Market**
- Devised an **automated dashboard** to track progress of projects (backlog, lead time etc)

PUBLICATION	**Comparative Study of Wind Power Forecasting Models** (Sep 2014 - Jan 2015) *Under Prof. B.K. Panigrahi, Electrical Engineering Department, IIT Delhi*

PUBLICATION

Comparative Study of Wind Power Forecasting Models (Sep 2014 - Jan 2015)

Under Prof. B.K. Panigrahi, Electrical Engineering Department, IIT Delhi

- Designed models to forecast power generation for wind farms implementing Curve Fitting, Neural Networks, Extreme Learning Machine etc
- Research paper accepted in International Conference on Circuit, Power and Computing Technologies 2015 and published on IEEE Xplore
  (Link: `http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=7159429`)

PROJECTS

Instant Notification System (June 2015)

Training & Placement Cell, IIT Delhi

- Developed an **Android app** to instantly notify the students about placement updates
- Developed responsive **Web app** for the same using **PHP**, **ReactJS** and **Bootstrap**

Smart Chat (August 2013)

During 24 hour hackathon, Yahoo Hack-U

- Developed a real time chat-based recommendation system integrating Scheduler, Google Maps, Trip Planner, Image Fetching etc

POSITIONS OF RESPONSIBILITY

General Secretary, Electrical Engineering Society (EES) (June 2014 - May 2015)

EES is an official student representative body that seeks to promote interaction among students

- Headed a team of 20 to conduct cultural, sports and technical events throughout the year
- Launched EES into new era with dedicated **website** and garnered **sponsorship**
- Organized 4 events during **Tryst** - Annual Technical Festival of IIT Delhi

Nucleus Placement Coordinator (June 2014 - May 2015)

Guided a team of 5 members for inviting reputed companies for Campus Placements

- Supervised smooth conduct of campus recruitment activities of over 40 companies
- Recipient of **Significant Contribution Award** from Training and Placement Cell

AWARDS AND ACHIEVEMENTS

- Secured **All India Rank 4** in CBSE **Class X**: Commended by Agriculture Minister, 2009
- **Kishore Vaigyanik Protsahan Yojana** (KVPY): Awarded by Government of India, 2010
- Felicitated by Chief Parliamentary Secretary for exemplary academic performance, 2011
- **Merit Certificate**: Awarded by CBSE for being in top 0.1% in Science & Mathematics, 2009
- Honoured with the **Merit Student Award** at CSIR Programme on Youth for Leadership in Science (**CPYLS**) by CSIO, 2009