Sunny Kachhia | Curriculum Vitae

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DOB: February 12, 1992

Undergraduate computer engineer completing the final year of a master's degree. Passionate about science, with strong technical, business, and interpersonal skills for working in a team and successfully completing a project.

Work Experience

Aindra Systems Pvt. Ltd.   **Bangalore**
Product Development Engineer   *May 2014–Present*

In this Computer Vision based startup I have been working on System Architecting, Web development (Django MVC Framework), API development (Hibernate, RESTEasy), Database Designing, Database Handling, Product Management (Android, iOS and WPF applications), Server Maintenance, Testing and Software Quality Assuarance. Lately I am also playing a role of a Team leader, Product Planner and hiring interns.

Shreeji Infosoft   **Vadodara**
Project Intern   *July 2012–May 2013*

I was responsible for designing a System for Travel agents to manage online booking in different Branches. Developed a software application package for the tours and travels' agencies which caters to the automation of all the activities carried in the agencies/organizations..

Education

Academic Qualifications

Nirma University   **Ahmedabad**
M.Tech. in Computer Science and Engineering , Predicted First Class   *2013–2015*

K.J. Institute of Engineering and Technology   **Vadodara**
B.E. in Computer Engineering, Distinction   *2009–2013*

Vidyakunj High School   **Vadodara**
SSC–HSC GSEB, First Class including Maths, Physics and Chemistry   *2000–2009*

Notable Projects

Masters Project (Ongoing): *'Applications of Mobile Visual Identification'*

I am part of a team developing a Face Recognition based Attendance system that can be used in organizations, hospitals and educational institutions to keep record of daily attendances of people. This ambitious project requires strong team-working skills and high technical ability. Given the role of product development engineer I am responsible for designing products, developing and delivering them on time and meet the specifications of the project.

- **3rd year individual project:** *'Artificial Neural Network Approach to Source Localisation in Radiation Portal Monitoring'*

  This challenging project took place over the entirety of my third year. It required excellent planning and organisational skills, and the ability to teach myself an entirely new and complex subject. The project was a success, with the system being able to localise a radioactive source down to $3cm$ within a $600m^3$ sensor array. This project has been suggested for publication by my supervisor.

- **Industrial Project with Leyland Motors Ltd:** *'Development of a Facility to Ensure the Achievement of Torque Parameters for a Specific Axle Configuration'*

  In the 3rd year of my course I spent a week completing an industrial project for Leyland Motors. I worked with a team operating as consultants for a particular problem the company was having. During this project I was working in a professional environment, and co-operating with various managers and engineers to create a design that met the requirements of the problem.

Technical and Personal skills

- **Programming Languages:** Proficient in: C, Python, PHP, js, Core Java, J2EE, HTML, xHTML
  Also basic ability with: C++, C#, Shell Script, VBS, VB.NET, LaTeX.

- **Programming Tools** Eclipse IDE(Luna, Kepler, Juno), Dev-C++ (Advanced), Notepad++ (Advanced), Adobe Dreamweaver (Intermediate), TexMaker (Intermediate).

- **Industry Software Skills:** Github (Advanced), Apache (Advanced), Jboss-EAP (Intermediate), Trello (Advanced), WinSCP (Advanced), PuTTY (Advanced), Most MS Office products including MS Project, MS Access and MS Visio.

- **General Business Skills:** Good presentation skills, Leadership skills, Can manage a team in Agile manner, Strategic Planner, Works well in a team.

- **Other:** Good Problem solving skills, Can communicate well, Can write well organised and structured reports.

Interests and extra-curricular activity

- Two times Winner of Sudoku competition at college level (2012 & 2013).

- Won 1st prize twice in group dance competition at college level (2011 & 2013).

- Have been an integral part of my college cricket team for straight 4 years.

- Worked as Group Co-ordinator of Cultural as well as Technical Fests in college. My role in this included recruiting members, dividing tasks in teams, help organize the events, and spread awareness of the events & programms among other colleges. One of the event for blood donation camp also got featured in local newspaper.

- I was a member of Indian Society for Technical Education, student chapter. I hosted the inaugural event of ISTE in my college.

- Other interest include calligraphy, which I am self-taught, Technology enthusiast, cricket lover, gaming and watching movies.

References

- Up to 4 references available on request