

## RESUME

**Krunal Shah**  
**M.E. in Information Technology**

Samarpan", Pushpakunj Colony,  
B/h Sarvoday Ice cream Parlor,  
Amul Dairy Road, Anand-388001  
(M) +91 9601381981.  
Email: [krunalshah208@gmail.com](mailto:krunalshah208@gmail.com)



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**Objective:** Looking for an appropriate position and desire to work with leading organization to utilize my Skills for the development of the organization.

### **Professional Experience:**

- (1) Currently working at A.D.Patel Institute of Technology in Computer Engineering Department as Assistant Professor from January 2022 to present.
- (2) Worked at Sardar Patel College of Engineering in Information Technology as Assistant Professor from October 2021 to December 2021.
- (3) Worked at Knowledge Institute of Technology & Engineering as Assistant Professor from June 2018 to October 2021.
- (4) Worked at Gandhinagar Institute of Technology as Assistant Professor from July 2014 to June 2018.
- (5) Worked at Sardar Patel Education Campus at Bakrol as a lecturer from July 2012 to May 2013.
- (6) Worked at Information Technology Center at Mogri as a lecturer from November 2009 to August 2011.

### **Technical Skills:**

**Computer Languages:** C, C++, Visual Basic, UNIX Shell Programming, Core Java (Applets, JDBC), Advance Java (Servlet & JSP), python.

**Operating System:** Windows XP/2000/, Windows Vista, Windows 7, 8, 8.1, Windows 10.

**Database Systems:** SQL plus, MS-Access, SQL Server2000, Oracle PL/SQL.

**Web Technologies:** HTML, Multimedia Dream Weaver, Front Page 2003, JavaScript, php, wordpress.

**Other Applications:** MS-office, IoT, Machine Learning, AI, BDA.

**Subjects Taught:** BDA, AI, IoT, SE, DS, Java, CN, OS, OOPJ, CG, WT, DMBI.

### **Educational Qualification:**

- Master of Engineering in **Information Technology** —**7.40CPI**  
G.H.Patel College of Engineering, Vallabh Vidyanagar, 2013 Graduate
- Bachelors of Engineering in **Information Technology** – 59%  
A.D.Patel Institute of Technology, Vallabh Vidyanagar, 2009, Graduate
- H.S.C. – 52%  
Gujarat State Education Board, 2005 Graduate.
- S.S.C – 86.14%  
Gujarat State Education Board, 2003 Graduate.

### **Course Projects:**

- Developed a project of “Miniature Running Lights” for the subject **Digital Circuits**
- Developed code for “Animated Circle” for the course **Computer Graphics**
- Worked in a team for the project “Marriage Bureau” in **Visual Basic6.0**
- Worked in a team for the project “JEditor”, developed using **core Java**.

**Final Project:** “Web Personalization” using **Microsoft Visual Studio 2008** (Using Visual C#.Net). It allows you to create your personal homepage of the website.

The personalized sites are used in different organization to develop a relationship between users, and to give users a unique experience and satisfaction while using the site. The strategy of explicit personalization that allows web documents to be personalized to user needs.

**Dissertation:-** “A Novel approach for Super Resolution Image Reconstruction.”

Super-Resolution (SR) Image Reconstruction is an image processing technique that restores a high-resolution (HR) image from a series of low-resolution (LR) images of a particular scene. The goal of this thesis is to explore the current SR research and design computationally efficient SR algorithms for real- time processing based on a novel interpolation and denoising approach.

### **Publications:**

- (1) A Survey paper on Super Resolution Image Reconstruction  
Techniques In International Journal of Engineering Research &  
Technology(IJERT)
- (2) A Novel Approach for Wavelet Based Super Resolution ImageReconstruction  
In International Journal of Computer Science and InformationTechnology.(IJCSIT).

### **Departmental portfolio:**

- (1) I have worked as departmental coordinator for attendance management system in Gandhingar Institute of Technology.
- (2) I have worked as Departmental coordinator for Design Engineering in Gandhingar Institute

of Technology.

- (3) I have handled to AICTE portal for Knowledge Institute of Technology & Engineering.
- (4) I have worked as a member of timetable committee in Knowledge Institute of Tech & Engi.
- (5) I have worked as a member of Exam committee in Knowledge Institute of Tech & Engi.

### **Seminar/Workshop/Training:**

- (1) I have participated in 3 days workshop on web designing and visual basic 6.0 from 17<sup>th</sup> October to 19<sup>th</sup> October 2007 at ADIT with Microsoft student partner program.
- (2) I have completed 6 month project training on web personalization at ELECON Company from 6<sup>th</sup> Jan to 29<sup>th</sup> June 2009.
- (3) I have completed “Training to the trainers for Design Engineering workshop at GIC, GTU from 15<sup>th</sup> -19<sup>th</sup> September 2014.
- (4) I have participated in FDP for Design Engineering from 31<sup>st</sup> January to 2<sup>nd</sup> February 2015 at GIC, GTU.
- (5) I have participated in FDP for Design Engineering from 21<sup>st</sup> to 24<sup>th</sup> September 2015 at GIC, GTU.
- (6) I have participated in workshop of Ideation Strategy for Creative Innovation in collaboration with Honey bee Network.
- (7) I have participated in workshop on “Unmet Social needs as Drivers of innovations in collaboration with Honey bee Network on 22 November 2016.
- (8) I have completed STTP on python its applications from 26<sup>th</sup> November to 8<sup>th</sup> December 2018 at BVM.

### **Other Skills:**

- Able to work in any field.
- Excellent communication and writings skills.
- Having excellent computer knowledge with programming language.
- Able to do various other duties as assigned as per GTU committees.

### **Declaration:**

I hereby declare that all the statements made in the above resume are correct to the best of my knowledge and belief.

Yours Sincerely,  
[Krunal Shah]

