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## SUMMARY

A technology professional in the field of building automation systems with background in mechanical engineering and computer science.

## ACADEMICS

*PhD student*, Institute of Computer Science  
University of St. Gallen, Switzerland, September 2020–present  
Research topic: Flexible automation system

*Master of Science*, Computer Science  
Swiss Federal Institute of Technology (ETH), Zürich, 2013–2016  
Focus: General computer science

*Guest Researcher*, Chair of Software Engineering  
Swiss Federal Institute of Technology (ETH), Zürich, June–December 2010  
Research topic: Bio-inspired concurrency control model in Robotics.

*Certificate of Advanced Studies*, Computer Science  
Swiss Federal Institute of Technology (ETH), Zürich, 2006  
Focus: Software Engineering

*Bachelor of Engineering*, Mechanical Engineering  
Government Engineering College, Jabalpur, India, 1991–1995

## EXPERIENCE

*Researcher* 2012 onwards  
Siemens AG, Building Technologies Group, Zug, Switzerland

- Research on adoption of semantic technologies and Web of Things approach in building automation.

*Senior Software Engineer* 2005–2012  
Siemens AG, Building Technologies Group, Zug, Switzerland

- Integration of heterogeneous systems in building management software.

*Support Engineer* 2001–2005  
Siemens AG, Building Technologies Group, Zug, Switzerland

- Technical support for integration of communication protocols.

*Senior Systems Engineer* 1998–2001  
Siemens LLC, Dubai, U.A.E.

- Design of building automation system for large projects.

*Heating, ventilation and air-conditioning (HVAC) Engineer* 1995–1998  
Voltas Limited, India.

- Planning and commissioning of HVAC projects, and process controls.