



# Pulakesh Chakraborty

System Engineering, Product Development, Team Management

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Pune, India 📍

## KEY PROFICIENCY

- Team Lead & Team Management
- Complex Mechatronics System Development
- Requirements Engineering
- Vehicle Concept, Integration and Program Management
- New Product Development. – E&E components, Mechatronics devices, E&E Integrations, HMI Development
- Leadership communicator
- Market Research
- Budgeting, VAVE, cost control & resource planning

## PROFESSIONAL EXPERIENCE (18.5 Years)

### Nov,22 Marquardt India Pvt. Ltd – Group Manager, R&D

- Leading Entry and Authorization System (EAS) Group System Engineering Team (Team of fourteen Engineers)
- Steer development, validation and Industrialization of product as per target, schedule and budget.
- Drive the development & integration of PEPS ECU, Key fob, Electronics Steering column Lock, Door Handle Sensor
- Lead the extended teams of 22 people and spearheaded projects across the globe, including – South Korea, China and Romania
- Interacting with Customer for requirements, Development, maturity presentation and Customer Signoff
- Project budget preparation and get it approved in the MQ – Global forum
- Team skills Development and drive new conceptual products
- Customer engagement: TATA, Mahindra, TVS, Stellantis EU, Ford Europe, Daimler Europe, Hyundai Korea

### Feb,19 to Oct,22 Varroc Engineering Limited – Section Head, R&D

- Leading Switch gear & Sensor Design & Development Activities
- New Project Assessment, Costing, Business case development
- New Product development, global project coordination

## ADDRESS

C-10, Dwarka Viswa, Sector – 7, Indrayani Nagar, Pune – 411026

## NATIONALITY

Indian

## LANGUAGES

Hindi, English, Bengali, Marathi, German (Basics)

## IT SKILLS

MS office, CATIA, PLM, Vehicle data acquisition system, Mini-tab Doors

## ACHEIVEMENTS

-Technical paper on automotive switchgear technology in SAE 2011 conference and presented at SAE world conference, Detroit, USA

-Technical paper on Accelerated design verification methodology for the automotive Switchgear in FISITA-China

-No. Off Patent Filled – 6 no's

## PROFESSIONAL EXPERIENCE (18.5 Years)

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### TRAINING

- Engine testing & failure analysis – VW Germany
- Product Development workshop – CTC Detroit
- “Customer satisfaction to technical requirements”- FIAT Italy
- Project Management- HARVARD Manage Mentor
- Design For Six Sigma & Usage of Minitab for Reliability
- Model based System Engineering
- Safety and Cyber Security – MQ Germany

### July,14 to Feb,19 Fiat Chrysler Automobile, India – Senior Manager, VC&I

- Projects:** Jeep Compass, Compass MCA, Pre program – 526 & Junior Jeep
- Leading static, dynamic Market research activities & performance assessment
- New program assessment, architectural assessment, Reference vehicle costing
- Product development – Switches & HMI comp, global project coordination
- Program & project manager for the India NPI budget, NPI project monitor

### Aug,12 to July 14 Volkswagen India – Assistant Manager Test center

- Projects:** VW Polo / Vento, 1.5L TDI Engine, FAP global QA process
- Lead vehicle analysis team. Responsible for electrical and electronics analysis
- Coordination with German counterparts for the India product test cases
- Supplier assessment and development activities for the new project

### May,08 to Aug,12 Tata Motors – Engineering Research Center

- Projects:** Tata Nano Auto electrical components, corporate combination switch
- Part of ERC Auto electrical PCBU switch COC group
- Evaluation of product / feature requirements along with Auto project team
- Supplier interaction and development activities for the new products

### Aug, 05 to May,08 Minda Industries – Switch Div.

### ACADEMICS

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- MBA from Dayalbagh University , Agra
- Post Diploma in Plastics Mould design from CIPET Chennai 2005 First class, distinction with all India 3rd Rank
- Diploma in Plastics Mould Making Technology from CIPET Haldia 2001 – 2004 First class, distinction with all India 1st Rank.
- BE Mechanical - Institute of Mechanical Engineers, India
- Certification Course – Group leadership qualification – Volkswagen Academy