

PARAG SUNIL PATHAK

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Date of birth: 27th April, 1993.

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Objective:

Looking forward to work in a domain where I can utilize my software development skills as well as knowledge and experience in Mechanical and Automotive field.

Current Project:

- **2 years of experience in Tata Consultancy Services.** Responsible for **Design and Development** of Java Application using Javascript, JSF, PLSQL, JSPs, and HTML. Have basic knowledge of Struts, Servlets and Hibernate.
- Also handling a team of 3 associates for TCS global expensing related project.

Work Experience in Automotive field:

- Three months internship at **Magna Steyr India Pvt. Ltd** in **Drivetrain Engineering** department. Worked on gearbox design project for **International Tractors Limited**. Familiar with tools used for gearbox design like Catia, Pro-E, KissSys, Masta.

Academic Qualifications: B.E Mechanical (First Class with Distinction)

Degree	School/college	Board/university	Year of passing	Result in percentage
BE Mechanical	RSCOE	Pune	2014	75.27
Diploma in Mechanical Engg.	Govt. Polytechnic, Pune	Autonomous	2011	84.00
SSC	SVM High school	Latur	2008	91.69

Competencies:

- German Language - A1 certification from Max Mueller Bhavan (Goethe Institute, Mumbai)
- Worked on Catia, Pro-E, KissSys, Masta, and Auto-CAD.
- Familiar and worked with **hibernate, JSF, PrimeFaces** and **struts** framework
- Executed projects with **Agile approach** using **JAVA, PLSQL, Servlets** and **JDBC**
- Basic knowledge of UI design using **HTML, CSS, Bootstrap, JSPs**
- Knowledge and working experience in complete SDLC process.
- Experience of working in automotive project during diploma and engineering.

Achievements

1. Awarded for **Special Initiative** by TCS Corporate HSE team.
2. Two time '**On the spot winner**' for performance in ensuring defect free deliveries on time.
3. Led a team of 6 associates on mini project with implementation of **Agile** Methodology. Directed the team as a **Scrum Master**.
4. First in paper presentation at national level technical event, Innovision 2014.
5. **First in engineering mechanics** amongst 120 students at Government Polytechnic, Pune.
6. Qualified in GATE 2014.

Project Details

1. ILP Project

- Implemented **AGILE** methodology in ILP project for development of a Policy Management Module.
- Worked as **Scrum Master** for the team for a 2 sprint and 2 weeks long project. Implemented required operations using **struts2** and UI design using **bootstrap framework**.

2. B.E. Project

- Title: Effect of metallographic properties of material on vibrations of rotating shafts
- Comparison of natural frequency of blower shaft by using experimental analysis on FFT Analyzer and theoretical analysis using Finite Elemental Analysis.

3. Diploma Project

- Project Title: **Hybrid Bike** (December 2010-April 2011)
- Vehicle: Bajaj Sunny Drives: IC engine and Electric motor
- IC engine: 60cc Single cylinder 2-stroke Electric drive: BLDC motor.
- Description: Motor powered by 24volts supply, made in parallel with the original IC engine drive. Transmission for motor drive- Sprocket and chain mechanism.
- Innovation: Installation of **freewheel bearing** to restrict the motion of IC engine transmission while running on only electric motor drive, and modification of throttle to mount a very user-friendly thumb throttle to control motor rpm.

Seminars Presented

- Topic: Metamaterials and their applications
Details: At a paper presentation competition, won the 1st prize among 20 candidates.
- Topic: Vehicle Safety and airbags
Details: Presented at RSCOE in third year as a part of curricular activity.

Extra-curricular activities

1. Worked as **Training and Placement coordinator** at RSCOE TNP cell for 3 years and lead a team of 10 coordinators in 2013-14.
2. Member of **SAE (Society of Automotive Engineers)** at RSCOE since 2012.
3. Attended 2-day national level workshop on OpenFoam (Open Source CFD Tool) in 2012.
4. Lead a team of 10 coordinators to manage QUIZ competition at Govt. Polytechnic, Pune held in March 2011.
5. Played in inter-college Badminton championship for GPP in 2009-10.
6. Attended a national level technical camp 'INSPIRE' organized by International Institute of Information Technology and Science and Technology Department, Govt. of India at IIIT, Hinjewadi IT park, Pune in April, 2010.

Strengths

Leadership, Team Skills, Punctuality, Planning, Easily Adaptable.

Interests

Photography, Cycling, Bike Riding, Trekking, Formula 1 racing.

Place: Mumbai
Date: 15-12-2016

Parag Pathak
Signature