

Covering Letter and CV to Chalmers

My name is Ingemar Johansson and I recently returned to Sweden after having lived and worked in England for 15 years. I have worked mainly within automotive engineering as a technical leader and project manager. I am currently working as a System Manager in the Wheel Suspension group at CEVT.

I have worked for 12 years in the Chassis Design Engineering group at Lotus Engineering and Lotus Cars and 7 years with Chassis Design Engineering at Volvo Cars. I have a wide range of automotive experience; I led everything from technically demanding high-volume chassis engineering projects at Volvo Cars to low-volume projects with new technologies at Lotus. For the last 20 years I have been the technical leader and project manager for the development of chassis systems within complete car projects. In addition, I have worked with business development at supplier companies, as well as, in the Lotus Engineering Sales Group. Being a Chassis Engineer has given me a varied and exciting career in the automotive industry.

During my career, spanning over a number of engineering functions, I have been responsible for the delivery of complete technical solutions on time and within budget. Therefore I have worked with detailed engineering, using advanced engineering tools and with specialist suppliers to deliver the solution that meet the given targets.

My in-depth knowledge and experience within automotive engineering, project management, leadership and sales is something I would like to share with people that are coming into the automotive industry and working actively with students would be a very good way to do that. At Chalmers I would like to support the teaching team and the students with my knowledge and experience from the industry.

As a part of my leadership I have often mentored colleagues and whilst working with suppliers and clients I have often given presentations. When I have worked in sales functions I have given presentations to larger groups. In England I had graduates in my group, I was then involved in their development in the graduate scheme.

From 2008 to 2011 I was member of a Steering committee for an Automotive Master course at the Cranfield University. The steering committee consisted of members from the industry and from the university. The members from the industry were giving directions for the content of the course to suit the industries need and we also supported the course with lectures.

A good way of using and sharing my 35 years of experience from the automotive industry would be to work with the students to prepare them for working in the industry. In addition I could also use my specific technical knowledge and know-how and experience of work processes to support and where possible enhance the automotive courses at Chalmers.

At Chalmers I could contribute in following areas by supporting:

- The development of the system analysis of complete vehicle concepts
- The development of the Master's programme Automotive Engineering
- The development of centre for hybrid vehicles and electrical vehicles
- Planning of and teaching on specific automotive courses, e.g. Chalmers Formula Student, Automotive Engineering projects, Engineering of Automotive Systems and other courses as agreed with Chalmers

Note that the above are only examples, selection of courses and details to be reviewed and agreed with those responsible for the courses.

The following points support my CV and demonstrate my professional background:

- I have around 32 years experience of development work within different technical functions in the automotive industry. In addition I have over three years of sales experience from working for suppliers to the automotive industry and also working in the sales team within Lotus Engineering.
- My positions as Technical Leader and Project Manager in development projects have always been very interesting and rewarding as they combine working closely with people and delivering technically challenging solutions.
- My commercial work, both on the sales side and from my contacts with suppliers, has taught me skills that have been very beneficial in project management functions.
- In my role as Technical Leader I have been involved in taking solutions from concept ideas to production. This has mainly been for Chassis Systems, i.e. suspension, brakes, steering, chassis structures, subframes, wheels and tyres.
- In my role as Project Manager I have been responsible for financial key factors in the projects, e.g. resource planning and budgets, investments and production costs, as well as quality and work processes.
- Through my previous positions, where I have worked with internal and external contacts in different countries, I have successfully developed and established new working relations in a variety of cultures.
- Working in large and small organisations has taught me that any type of automotive development requires strong teamwork and that the output is dependent on how well the team is managed.
- Working closely with the testing functions, e.g. vehicle dynamics, ride comfort and NVH, and being part of complete car development team has allowed me to gain experience of driving test cars and to be able to have technically advanced reviews with the test and development engineers.
- I have worked in cross-functional teams to deliver production solutions and have liaised with most of the functions within automotive development, examples of this are: product planning for concept design work, CAD and packaging for system and detailed design, CAE structural design, test and development, manufacturing engineering to prepare for production, quality assurance functions, commercial functions, purchasing and sales, after-market functions and administrative and financial functions
- My hobby is motor racing. I was part of an endurance car racing team and have worked as a hands-on race engineer and this practical experience has often helped me in general development work.

References can be supplied on request.

Do not hesitate to call if there are any questions.

Best regards

Ingemar Johansson

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Curriculum Vitae for Ingemar Johansson

Personal details:

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Sweden
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0046 (0)701 771191, mobile
Email: ingemarj55@gmail.com
Place of birth: Arvika, Sweden
Marital status: Married, two children 22 and 27 years old

Key skills:

Chassis Engineering, technical knowledge and experience
Team leadership and teamwork
Delivery according to technical prerequisites and planning
Project management and work processes
Supplier contacts
Sales and client management

Language skills:

Swedish Native speaker
English Fluent
German Basic knowledge
French Basic knowledge

Computer skills:

Microsoft programmes Very high level
CATIA Basic knowledge. I used CATIA as a design engineering tool for many years and I also taught it. In recent years I have not used CATIA in my day-to-day work. Need refresh training to use it

Work experience:

August 2015 to present

CEVT, Chassis Engineering

Position: System Manager - Wheel Suspension

September 2014 to July 2015

LeanNova / ÅF Technology (LeanNova was taken over by ÅF in April 2015)

Position: Senior Project Engineer – Chassis and Vehicle Dynamics

I was working off-site in a client project.

August 2013 to July 2014

Caterham Technology and Innovation

Position: Executive Engineer - Chassis Design Engineering

Responsible for Chassis Design Engineering within Caterham Technology and Innovation

March 2012 to August 2013

Williams Advanced Engineering, working with Automotive consultancy

Position: Chief Engineer - Chassis Design Engineering

Responsible for Chassis Design Engineering within Williams Advanced Engineering division for non-F1 engineering activities. Developed super sports car for Jaguar.

Work experience, continued:

September 2011 to February 2012

AgroPlas ASA

Position: Head of Engineering

Responsible for the development of production solutions of plasma technology and cyclonic drying. The company was in a build up phase and the plans were changed due to financial issues.

September 1999 to August 2011

Lotus Engineering

Jan 2011 – August 2011; Position: Senior Technical Specialist Chassis systems

I worked with technical support to Lotus Engineering's sales function and with external client projects, e.g. chassis systems feasibility study for a super sports car.

Lotus Cars, Product Engineering

May 2010 – Dec 2010; Position: Chief Engineer Chassis

Technical responsibility for all Chassis systems for Lotus Cars products. Managed the Chassis Engineering team. I had around 30 staff reporting to me

Lotus Engineering

Sept 1999 – April 2010; Position: Executive Engineer, Chassis Engineering

From Jan 2007 to April 2010 I worked as the Release Engineer for the Chassis Systems in the Evora project for Lotus Cars. The Release Engineer function includes the technical responsibility, leading the engineering team and managing the work with other development functions in the company. I was responsible for suspension systems, brakes, wheels and tyres, steering, chassis structures and subframes, HVAC system and Powertrain installation and Powertrain support systems. There were up to 25 people in the Chassis Team.

From Sept 1999 to Dec 2006 I worked as the Release Engineer within different Lotus Cars projects, e.g. M250, Elise 2, Elise 2 upgrades. Covering all Chassis Systems.

I also worked for external clients, mainly on Chassis Engineering projects.

I worked with Technical Support in the Lotus Engineering Sales Group.

Oct. 1997 to Aug. 1999

CMI International, American supplier of cast and machined parts to the automotive industry

Position: Manager for European Business Development

Responsible for technical and commercial contacts with clients. Part of production launch team for high volume production.

April 1996 to Sept. 1997

Alcoa Automotive Structures Engineering, American supplier of automotive structures and components in aluminium

Position: Account Engineering Manager

Responsible for technical sales activities for the European market and responsible for subframe development.

Work experience, continued:

Jan. 1989 to March 1996

Volvo Car Corporation

June 1993 – March 1996: Position: Project Manager– Suspension systems and subframes SU-Leader, responsible for the development of complete front and rear suspensions and subframes within a high volume Platform Project. As the Project Manager, I was responsible for the technical solutions, budget and costs, timing plans, leading the design engineering group of around 20 design engineers and contacts with suppliers and manufacturing engineering

Volvo Car Corporation

Nov 1991 – May 1993: Position: Design Engineer - Base Engine.
Responsible for pistons, piston rings and related parts

Volvo Car Corporation

Jan 1989 – Oct 1991: Position: Design Engineer – suspension systems and components.
Responsible for system and detailed design of e.g. suspension components, shock absorbers and wheel bearings.

Aug. 1986 to Dec. 1988

CARAN, engineering consultant company in Gothenburg

Position: Design Engineer

I was using CAD systems; e.g. CATIA in my work. At Volvo Cars I worked with the development of the rear suspension for Volvo 850. I worked as a teacher in CATIA.

Aug. 1983 to July 1986

Volvo Truck Corporation

Position: Design Engineer - Transmissions

I worked with automatic transmissions, clutch servos and clutches.

Aug. 1980 to July 1983

Volvo BM AB

Position: Design Engineer - Transmissions

I worked with hydraulic transmissions for wheel loaders.

University studies:

1976 – 1980

Master of Science in Mechanical Engineering at Linköping University of Technology in Sweden. Specialising in mechanical engineering and design engineering.

College studies:

1971 – 1975

College with technical programme, In Arvika and Karlstad, Sweden
Specializing in mechanical design engineering.