

ADITYA RAO

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Mr Peter Lindqvist
Engineering Manager
Wolds Agricultural Machinery Ltd
Station Road
Drifffield YO25 6RB

Dear Mr Lindqvist

Application for Senior Design Engineer (ref. WAM-0412)

I am applying for the Senior Design Engineer post at Wolds Agricultural Machinery. I am a mechanical design engineer with six years in rail and industrial equipment, I hold an MEng in Mechanical Engineering, and I am working towards Chartered Engineer registration with the IMechE.

At Trentside Rail Systems I design brackets, enclosures and mechanisms for train interiors in SolidWorks, from concept to release. When a seat frame was over its weight target, I ran FEA and fatigue checks on a new layout, planned the physical tests with our test lab and cut its weight by 14% with no loss of strength in test.

I produce drawings with GD&T and work with three suppliers on manufacturability and cost, and I lead design reviews for a team of four engineers and technicians. Designing machines that work outdoors in all weathers is the next challenge I want.

My CV is attached, and I would be glad to bring examples of my drawings to an interview. Thank you for considering my application.

Yours sincerely

Aditya Rao