

DAVUT UZUN

Stoke-on-Trent, Staffordshire

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Highly self motivated Design Team Leader. Successfully managed on site and off shore engineering teams. I have been around plant machinery industry for 10+ years. Inherited 40+ years business and engineering experience from family. In-depth knowledge of CAD software and expertise in Design for Manufacturability (DFM) as well as Geometric Dimensioning & Tolerancing (GD&T). Additionally, I have a solid understanding of electric and electronic components.

EXPERIENCE

PRINCIPAL ENGINEER – (DEC 2023 – OCT 2024)

JCB – Rocester, Staffordshire

I led the current product engineering of telehandlers, resolving numerous customer engineering concerns while ensuring alignment with key business priorities. I managed a team of 10 engineers located in both the UK and India, serving as the primary point of contact for production and service engineering concerns. Additionally, I managed the product life cycle through Teamcenter, focusing on reducing product cost and complexity. Resolved a group wide engineering problem by considering customer field fix and cost. I've been promoted as Engineering Manager before leave.

SENIOR DESIGN ENGINEER – (JUN 2022 – OCT 2023)

VOLTA TRUCKS – Reading, Berkshire

I managed an offshore design team and responsible for their daily basis tasks. Led the integration of bus type sliding and out-swing doors, successfully modeled complex kinematic motions in CAD. I also conducted packaging and conformity studies, managing the project in collaboration with a global bus door supplier. Additionally, I managed the integration and customization process for various types of tail lifts, including Column, Slider, Cantilever, and Tuck Under models. Designed body exterior parts incorporating with fabricated structures

DESIGN ENGINEER (JUL 2021 – JUN 2022)

MORRIS COMMERCIAL ELECTRIC VEHICLE – Evesham, Worcestershire

I worked extensively with 3D Experience and Catia V6 to design various parts, components, and systems. My contributions included creating kinematic models for components such as the bonnet, door, front suspension, side glass, and charge port. Modeled various mechanisms, carbon body parts, fabricated chassis frame.

DESIGN ENGINEER – Self Employed (JUN 2019 – JUL 2021)

I designed and launched a prototype of battery powered industrial vacuum machine. Designed and configured a Li-ion hot-swappable battery system. Designed a modular body structure according to fabrication standards. Additionally, I created electrical schematic of the components such as BLDC motor, motor controller, isolator, relays IP65 buttons, connectors etc. Additionally, designed and developed an air ventilator for covid patients during covid restrictions.

DESIGN ENGINEER – (AUG 2018 – MAY 2019)

GETRATRON ELECTRIC VEHICLES – Istanbul/TURKEY

Designed and launched 2 prototype light weight electric utility vehicle. Designed Fully fabricated body and chassis structures. Calculated optimum traction and vacuum powers. Released all 2D and 3D manufacturing drawings. My contributions included electrical architecture of the vehicles with Curtis Inverters & Motor and relevant electric components.

INTERNSHIPS – Part Time (2009-2013)

Various internships around engineering offices and mostly in shopfloors before engineering degree. Gained a lot hands on experience on agricultural machinery, automotive and manufacturing equipments. Firstly, I am educated in workshops by oldschool leads and then successfully completed engineering degree.

Water Well Drilling Company - Part time (2004 - 2018)

Family owned business started 1970s by my grandfather. I involved in this business as 3rd generation. Mainly operated 3 drill rig plant machinery for water well drilling. Manufactured water well pumps. I grew up in this business from age of 14. I inherited 40+ years of business and engineering experience. I've been in every single operation of business like maintenance, transport, service, sales, customer facing and account.

EDUCATION

BACHELOR'S DEGREE- (2013-2018)
Mechanical Engineering
YILDIZ TECHNICAL UNIVERSITY
ISTANBUL/TURKEY

ASSOCIATE'S DEGREE, (2011-2013)
Machine Drawing and Construction
SAKARYA UNIVERSITY – TURKEY

HIGH SCHOOL DEGREE, (2007-2011)
CNC Machine Technology
TECHNICAL HIGH SCHOOL - TURKEY

SKILLS

#Catia V6 & V5	#Management	#JIRA
#3D Experience	#Teamcenter	#3D Printing
#SolidWorks	#Generative Shape design	#MS Office
#AutoCAD	#SAP	#Calculations
#Inventor	#Automotive	#Analyse (FEA)

REFERENCES

Heath Sunderland – Engineering Manager, JCB

Robert Pywell – Senior Manager, Volta Trucks

Tony FRAZIER – Engineering Leader, Morris Commercial