Eugene Burmistrov

Senior Stress engineer

Location:	**Dresden, Germany**	Phone:	**+49 1511-5883-063**
Date of Birth:	**25.11.1986**	e-mail:	**eugene@burmistrov.xyz**
Nationality:	**Russian**		**linkedin.com/in/eugene-burmistrov**
			burmistrov.xyz

Profile

Dedicated and focused engineer who can achieve goals in conditions of compressed schedule and multitasking by using profound knowledge, vast experience and step by step planning.

Education

Sothern Federal University (Rostov, Russia)   **2004-2009**
Aircrafts and Helicopter Building
Master's degree

Subjects included: Aircraft structure, design, manufacturing, machine design, materials science, strength of material, classical mechanics, structural mechanics.

Certificates

• MCS Patran advanced (PAT302) Training	2011
• Boeing Fatigue Analysis Training	2012
• Boeing Damage Tolerance Training	2012
• MCS Superelement (NAS106) Training	2015
• MCS Implicit Nonlinear Analysis (NAS400) Training	2018
• John Hopkins University, R Programming	2020
• John Hopkins University, Probability	2021
• John Hopkins University, Interference and Modeling	2021

Work Experience

Senior Stress Engineer   **2022   till now**

QuEST Global Engineering Services GmbH.
www.**quest-global.de**

EFW A330P2F Project:

- Fatigue and Damage Tolerance substantiation of structure changes during airplane conversion.
- Engineering support for conversion lines in Germany, Turkey and USA.
- Developing tools for engineering analysis.
- Checking analysis prepared by suppliers.

Lead Stress Engineer (SE3)   2012 – 2019
                                                                         2021 – 2022

  Progresstech Ltd.
  www.**progresstech**.ua

  787 Future State Project: Static, Fatigue and Damage Tolerance assessment of metal parts in Fuselage circumferential splice.

  777X-9 Leading Edge Project: Preparing FE loads Model for Fix and Movable Leading Edge. Creating programs for data processing. Leading group of engineers (<5).

  787-10 Pylon Project: Performed static, fatigue and damage tolerance analysis. Performed sizing of structural elements

  787-9 Pylon Project: Performed static, fatigue and damage tolerance analysis. Pressure loads application on FE Model.

Lead Stress Analyst   2019 – 2021
  AMTES GmbH
  www.amtes.de

  AN-124-100 Project: Engineering support for An-124-100 maintenance: Static, Fatigue and Damage Tolerance analysis of modifications and repayments, structural assessment of fleet.

Stress Engineer (SE1)   2011 – 2012
  NIK Ltd.
  www.avianik.com

  787-9 Project: Preparation of Global FE model for Fix Leading Edge. Detail FEM preparation.

Stress Analyst   2007– 2011
  AVIAOK International Ltd.
  www.aviaok.com

  A-318 Elite & A-350 Projects: Static analysis, creating detailed FEM, preparation of certification reports

Skills

  MS Office: Excel (including VBA), Word, Project, Outlook

  CAD/CAE: MSCNASTRAN/PATRAN, FEMAP, HyperMesh, CATIA V5, Unigraphics NX2/NX4, ENOVIA, TeamCenter, Windchill

  Boeing Software: IAS, CSW, SA+, XSA, IDTAS, DTANAL

  Airbus Software: ASSIST, ASSACOS, ISAMI.

  Programming: VBA, php, python, R.

Languages

  Russian (Native), English (Fluent), German (Beginner – A2)

Personal Data

  Married, have two children