



# LUKE BANGS

## DIGITAL ENGINEERING SPECIALIST

[bangsluke-portfolio.netlify.app](https://bangsluke-portfolio.netlify.app)

### CONTACT

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Chelmsford, UK

### EDUCATION

2011 – 2014

Loughborough University  
BEng. Automotive  
Engineering. Second Class  
Honours, Upper Division (2:1)

2009 – 2011

Ashcombe Sixth Form College  
3 A Levels; Mathematics (A),  
Physics (A), History (A) and an  
AS Level in Economics (A)

### SKILLS

- **DevOps:** Azure DevOps, CI/CD, GitHub, Netlify
- **Front-end:** React, Next.js, Astro, Vite.js, Tailwind
- **Back-end:** Node.js, GraphQL, Flask, Nest.JS
- **Databases:** Neo4j, SQL
- **Languages:** JavaScript, HTML, CSS, Python, VBA

### LANGUAGES

- English (Native)
- Spanish (Intermediate)
- German (Basic)



### PROFILE

Enthusiastic and personable professional with a passion for data and software, seeking a dynamic role to apply strong organisational skills, logical thinking and effective communication to drive long-term success. Open to positions where I can make a positive impact including Software Developer, DevOps Engineer or Product Owner

### WORK EXPERIENCE

**Digital Engineering Specialist** Jan 2023 – Jul 2024

RLE International

- DevOps lead for a new internal branch within the company, managing and supporting the development of a wide range of internal tracking tools developed with Microsoft tools, throughout a project's lifecycle

**Digital Engineering Developer** Jul 2022 – Jan 2023

RLE International

- Creation of an online web-based MVP application (Next.js) for taking inputs from users and generating a set of optimal DVP plans, to prove out the teams mathematical multiple-objective optimisation approach

**Data Management Analyst** Jul 2019 – Jul 2022

RLE International

- Supported developing a scalable timing plan web-based tool for automotive projects (SDP). Collected data from field experts to generate a full development plan for the automotive process and designed and implemented a solution for maintaining a Neo4j database via a custom-built Excel sheet to store the collected knowledge

**Project Engineer** Sep 2014 – Jul 2019

RLE International

- Body Closures and Exteriors function groups engineer across companies including McLaren, Ford and Dyson, for low and high production builds, taking designs from concept to production, whilst developing various Excel BoM management tools on SharePoint to track team metrics

### REFERENCES

#### **Dominic Ede**

Senior Project Consultant  
RLE International, UK  
+44 7989 423267  
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#### **Uwe Kloss**

Head of Digital Engineering  
RLE International, Germany  
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#### **Dr Girish Pillutla**

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(Former RLE Manager)