

# LUKE BANGS

## TECHNICAL PRODUCT OWNER

### 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

- **Delivery & Product:** Azure DevOps, Agile/Scrum, CI/CD, MS Project, Roadmapping
- **Data & Analytics:** Excel (VBA), SQL, Neo4j (Cypher), Power BI, Google Analytics
- **Engineering & APIs:** React, Next.js, TypeScript, Node.js, GraphQL, Flask, API Design
- **Automation & Tools:** Python, Power Apps, Power Automate, GitHub, Cursor, Claude Code

### LANGUAGES

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



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

### PROFILE

Enthusiastic and personable professional with a passion for data and software, thriving in high-ownership roles. With 11 years in automotive engineering including 3 years in software delivery, I specialise in translating business requirements into technical execution, leveraging full-stack experience to manage complex backlogs and technical debt while applying disciplined processes to deliver high-quality products.

### WORK EXPERIENCE

- **Integration Engineer** *RLE International* Sep 2025 – Present
  - Owned delivery of automated Power BI dashboards and Excel-based tracking systems to standardise data collection, ensuring single-source-of-truth accuracy for real-time data reporting of KPIs for senior leadership.
- **Digital Engineering Specialist** *RLE International* Jan 2023 – Jul 2024
  - Eliminated 14 days of manual data collation per regional team annually by leading the end-to-end lifecycle of internal automation tools for financial reporting. Owned the roadmap and backlog, stakeholder requirements, and sprint execution in Azure DevOps from MVP through to launch.
- **Digital Engineering Developer** *RLE International* Jul 2022 – Jan 2023
  - Architected and launched a Next.js MVP to capture user inputs and generate a set of optimal DVP plans, validating a multiple-objective optimisation approach with pilot users and reduced planning time by 80%.
- **Data Management Analyst** *RLE International* Jul 2019 – Jul 2022
  - Supported developing a scalable timing plan web-based tool for automotive projects (SDP). Served as the technical bridge between field experts and engineers, maintaining a Neo4j knowledge graph and SQL database via a custom-built Excel interface to capture and reuse domain knowledge.
- **Technical Product Lead & Developer** *Dorkinians FC* Oct 2016 – Present
  - Founder and Product Lead for a football club's stats site. Built Neo4j-backed chatbot and visualisations to drive engagement for 600+ users. Focused on data-driven discovery through analytics to maximise user value.
- **Project Engineer** *RLE International* Sep 2014 – Jul 2019
  - Closures and Exteriors engineer across clients including McLaren, Ford and Dyson, taking concept designs to production through change management for low and high production builds and managing global supplier networks.

### REFERENCES

**Dominic Ede**  
Senior Project Consultant  
RLE International, UK

**Uwe Kloss**  
Head of Digital Engineering  
RLE International, Germany

**Dr Girish Pillutla**  
Chief Engineer, Waymo  
San Francisco, USA  
(Former RLE Manager)

Contact details available on portfolio or by request