

FDE-101 | 4-week instructor-led program

Forward Deployed Engineer (FDE) Bootcamp

Build, deploy and own AI and data solutions inside real customer environments.

**Launch cohort** Thu 1 Oct – Fri 30 Oct 2026

Live online in US time zones, optional in-person weekend labs

**Reserve your seat**emergera.ai/fde-bootcamp

Scan for full details and dates



Program at a glance

**4 weeks**

14 live sessions

**32 hours**

Live instruction

**6–8 hrs/week**

Self-paced work

**Intermediate**

Coding, APIs and SQL

Weekly curriculum

1

**Week 1** 1 – 7 Oct**The FDE role and customer discovery**

What makes an FDE different, a field-ready toolkit, and turning a vague customer ask into a scoped problem.

2

**Week 2** 8 – 14 Oct**Data integration and rapid prototyping**

Connect to APIs, databases, files and SSO, then ship a thin-slice prototype that proves value fast.

3

**Week 3** 15 – 21 Oct**AI in the field and production hardening**

Add AI where it creates value with RAG, tool calling and MCP, then harden it for regulated environments.

4

**Week 4** 22 – 30 Oct**Operating in production and capstone**

Monitor, control cost, hand over cleanly and explain the value to leadership. Capstone at Demo Day.

Who should attend



- **Software engineers** moving into customer-facing roles
- **Solutions and sales engineers** going deeper hands-on
- **Data and ML engineers** preparing for FDE roles
- **Technical consultants** delivering customer projects

Learning outcomes



- **Work the FDE role** across the engagement lifecycle
- **Lead discovery** turn needs into clear solutions
- **Integrate real systems** APIs, databases, files and SSO
- **Prototype fast** build, demo and iterate
- **Apply enterprise AI** RAG, tool calling and MCP



Capstone project

Each learner, or pair, runs a simulated 4-week customer engagement for a fictional enterprise, with realistic data and requirements that change along the way.



Capstone: a complete simulated customer engagement, presented at Demo Day.



Live instruction

32 hours: Tue & Thu 7–9 PM ET, Sat 12–3 PM ET. Demo Day Fri 30 Oct.



Credential

Emergera Certificate of Completion (70% overall score). Eligible learners can be considered for career opportunities through USM Business Systems.