

TRACK 03: PROFESSIONAL INTERNSHIP & PORTFOLIO TRACK

Duration: 6 Months (Cohort Based) | Batch Limit: 10 Students | Fee: Rs 30,000 (Rs 15,000 Upfront + Rs 15,000 Month 3)

PROGRAMME OVERVIEW

An immersive studio programme simulating a real-world software engineering company. Candidates work on live product modules, participate in PR code reviews, defend architecture decisions, and build an interview-ready portfolio.

CURRICULUM SYLLABUS

- Module 1: Engineering Standards & Workspace Setup

Production Git workflows, code reviews, writing RFCs, technical documentation, and agile sprint planning.

- Module 2: Codebase Navigation & Architecture Dissection

Reading large production codebases, identifying bottlenecks, refactoring legacy patterns, and debugging complex edge cases.

- Module 3: Module Implementation & Automated Testing

Writing unit and integration tests, Test-Driven Development (TDD), mocking services, and CI/CD pipelines.

- Module 4: UI/UX & Responsive System Polish

Building polished, accessible web interfaces, managing component lifecycles, and performance profiling.

- Module 5: Security, Performance & Production Delivery

Database query optimization, caching strategies, rate limiting, vulnerability checks, and cloud deployment.

- Module 6: Capstone Defense & Technical Interview Prep

Defending architecture decisions, live mock technical interviews, resume structuring, and portfolio publishing.

CAREER OUTCOMES & PORTFOLIO DELIVERABLES

- * Documented internship experience working inside real product repositories.
- * Mastery of Git, PR reviews, CI/CD, and professional engineering habits.
- * Prepared to clear technical interviews and contribute on Day 1 at top tech employers.

ADMISSIONS & ENROLLMENT

Admissions Portal: empever.com/pages/contact.html | Official Desk: info@empever.com

EMPEVER INFOTECH ? Kochi, Kerala, India ? www.empever.com