



AI Augmented Engineer for Developer Post-Assessment

Company Name

FPT Software

Employee Name

Hoang Quang Minh

Date of Attempt

01-Oct-2025

Employee ID

00318052

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Score Analysis

Your scores, a quick overview of your performance and your overall percentage.

Section Score Analysis

A quick overview of sectional performance along with percentages.

Section Skill Analysis

An overview of your proficiency in specific skills.

Difficulty Level Analysis

A comprehensive insight into the candidate's performance at 3 difficulty levels.

Proctoring Analysis

A quick overview of the proctoring-related aspects of the assessment.

Test Log

A quick overview of the test status, timestamp, and recorded IP address.

Question Details

An overview of each question and the candidate's response, offering a thorough assessment of their performance.

Disclaimer

Disclaimer on subjective customised assessments.

Score Analysis

Score: 35 / 40

Time Taken: 53 min 52 sec / 120 min

Proficient (87%)

■ **Beginner** (0% - 25%) ■ **Intermediate** (26% - 50%) ■ **Experienced** (51% - 75%) ■ **Proficient** (76% - 100%)

Hoang Quang Minh scored **87%** and completed assessment in **45%** of the allotted time

Test Navigation Mode: Fixed Section Order

Section Score Analysis



The Common European Framework of Reference for Languages (CEFR) is a standardized grading system aiming to validate language ability.



Section Skill Analysis

Section 1: AI in SDLC

Total Score: **30/30** Negative Points: **0** Time Taken: **21 min 22 sec/60 min**

Question Analysis:

Total Question: **30** Correct: **30** Wrong: **0** Skipped: **0** Not Answered: **0**

Skills	#Questions	Skill Score
AI in SDLC-Developer	30	30/30

Section 2: Prompt Engineering

Total Score: **4.69/ 10** Time Taken: **32 min 30 sec/60 min**

Question Analysis:

Total Question: **5** Skipped: **0** Not Answered: **0**

CEFR Level  **INDEPENDENT USER**

The topic is expressed using a good range of vocabulary with some circumlocutions. However, there are fewer diversions and there are no errors with regard to simple structures.

Q.1 

Skills	Skill Score	Weightage
Vocabulary Has sufficient vocabulary to conduct routine everyday transactions involving familiar situations and topics. Has sufficient vocabulary for the expression of basic communicative needs. Has sufficient vocabulary for coping with simple survival needs	35%	10%
Grammar Shows only limited control of a few simple grammatical structures and sentence patterns in a learned repertoire.	30%	20%
Orthographic Control The text contains only basic punctuation and does not have the correct layout. However, errors may interfere with its clarity.	25%	10%
Thematic Development The provided text jumps from one thought to another without a theme or logical sequence.	30%	10%

Skills	Skill Score	Weightage
Coherence & Cohesion		
The text has a list of points that show an attempt at organization and topic progression, with partial success. Ideas are not necessarily all relevant. Uses the most frequently occurring connectors to link simple sentences to tell a story or describe something as a simple list of points.	35%	20%
Comprehension		
The text touches on the main topic with fewer diversions. However, a few sentences continue to act as fillers, and the ideas are not presented in a sequential manner.	40%	30%


Note: Only average percentage will be displayed for AI Written/ Spoken Evaluation question type.

Q.2 

Skills	Skill Score	Weightage
Vocabulary		
Has a good range of vocabulary related to familiar topics and everyday situations. Has sufficient vocabulary to express themselves with some circumlocutions on most topics pertinent to their everyday life such as family, hobbies and interests, work, travel and current events	55%	10%
Grammar		
Communicates with reasonable accuracy in familiar contexts; generally good control, though with noticeable mother-tongue influence. Errors occur, but what they are trying to express is clear. Uses reasonably accurately a repertoire of frequently used "routines" and patterns associated with more predictable situations.	48%	20%
Orthographic Control		
The text contains basic punctuation, but there is a disregard of the nuances of punctuation (commas, hyphens, colons, etc.) The text is presented in a straight-forward manner without formatting.	45%	10%

Skills	Skill Score	Weightage
Thematic Development		
Can clearly signal chronological sequence and develop an argument well enough to be followed without difficulty most of the time. Shows awareness of the conventional structure of the text type concerned when communicating their ideas.Can reasonably present a straightforward description as a sequence of points.	50%	10%
Coherence & Cohesion		
The text uses a meaningful sequence of linked ideas relevant to the task, with adequate topic progression. Uses various cohesive devices to link his/her sentences into clear, coherent discourse, but not always appropriately.	58%	20%
Comprehension		
The text does not contain diversions and is relevant to the topic provided. However, the content remains to be flimsy and rarely elaborates on the ideas introduced.	52%	30%

Note: Only average percentage will be displayed for AI Written/ Spoken Evaluation question type.

Q.3 		
Skills	Skill Score	Weightage
Vocabulary		
Has sufficient vocabulary to conduct routine everyday transactions involving familiar situations and topics. Has sufficient vocabulary for the expression of basic communicative needs. Has sufficient vocabulary for coping with simple survival needs	35%	10%
Grammar		
Shows only limited control of a few simple grammatical structures and sentence patterns in a learned repertoire.	30%	20%
Orthographic Control		
The text contains only basic punctuation and does not have the correct layout. However, errors may interfere with its clarity.	30%	10%

Skills	Skill Score	Weightage
Thematic Development		
The provided text jumps from one thought to another without a theme or logical sequence.	20%	10%
Coherence & Cohesion		
The text is made up of simple sentences that are not sequenced logically. The text lacks the use of connectors.	25%	20%
Comprehension		
The text often deviates from the topic. The text may contain several unnecessary circumlocutions to be more elaborate.	25%	30%

Note: Only average percentage will be displayed for AI Written/ Spoken Evaluation question type.

Q.4 

Skills	Skill Score	Weightage
Vocabulary		
Can understand and use the main technical terminology of their field, when discussing their area of specialisation with other specialists. Has a good range of vocabulary for matters connected to their field and most general topics.Can vary formulation to avoid frequent repetition, but lexical gaps can still cause hesitation and circumlocution.Can produce appropriate collocations of many words/signs in most contexts fairly systematically.Can understand and use much of the specialist vocabulary of their field but has problems with specialist terminology outside it.	65%	10%
Grammar		
Good grammatical control; occasional "slips" or non-systematic errors and minor flaws in sentence structure may still occur, but they are rare and can often be corrected in retrospect. Shows a relatively high degree of grammatical control. Does not make mistakes that lead to misunderstanding. Has a good command of simple language structures and some complex grammatical forms, although they tend to use complex structures rigidly with some inaccuracy	60%	20%

Skills	Skill Score	Weightage
Orthographic Control		
The errors are minimal enough not to interfere with intelligibility. The text contains the correct layout, but there may be a few errors in paragraphing and punctuation, such as commas and quotation marks.	65%	10%
Thematic Development		
Can follow the conventional structure of the communicative task concerned when communicating their ideas.They can develop a clear description or narrative, expanding and supporting their main points with relevant supporting details and examples.Can develop a clear argument, expanding and supporting their points of view at some length with subsidiary points and relevant examples.Can evaluate the advantages and disadvantages of various options.The text clearly differentiates between fact and opinion.	60%	10%
Coherence & Cohesion		
The text uses a meaningful sequence of linked ideas relevant to the task, with adequate topic progression. Uses various cohesive devices to link his/her sentences into clear, coherent discourse, but not always appropriately.	65%	20%
Comprehension		
The text does not contain diversions and is relevant to the topic provided. The ideas introduced are few but are elaborated on using simple language.	70%	30%

Note: Only average percentage will be displayed for AI Written/ Spoken Evaluation question type.

Q.5 

Skills	Skill Score	Weightage
Vocabulary		
Has a good range of vocabulary related to familiar topics and everyday situations. Has sufficient vocabulary to express themselves with some circumlocutions on most topics pertinent to their everyday life such as family, hobbies and interests, work, travel and current events	55%	10%

Skills	Skill Score	Weightage
Grammar Good grammatical control; occasional “slips” or non-systematic errors and minor flaws in sentence structure may still occur, but they are rare and can often be corrected in retrospect. Shows a relatively high degree of grammatical control. Does not make mistakes that lead to misunderstanding. Has a good command of simple language structures and some complex grammatical forms, although they tend to use complex structures rigidly with some inaccuracy	60%	20%
Orthographic Control The errors are minimal enough not to interfere with intelligibility. The text contains the correct layout, but there may be a few errors in paragraphing and punctuation, such as commas and quotation marks.	65%	10%
Thematic Development Can clearly signal chronological sequence and develop an argument well enough to be followed without difficulty most of the time. Shows awareness of the conventional structure of the text type concerned when communicating their ideas.Can reasonably present a straightforward description as a sequence of points.	50%	10%
Coherence & Cohesion The text mostly organized ideas into a meaningful sequence with adequate topic progression. Ideas are generally relevant to the task. Links a series of shorter, discrete, simple elements into a connected, linear sequence of points.	55%	20%
Comprehension The text does not contain diversions and is relevant to the topic provided. However, the content remains to be flimsy and rarely elaborates on the ideas introduced.	55%	30%

Note: Only average percentage will be displayed for AI Written/ Spoken Evaluation question type.

Identification of strengths and skill improvement needs

● **Strength**

Congratulations! We have identified **AI** as your strengths.

● **Improvement area**

Based on your score, **Prompt Engineering** are the identified areas of improvement.

Difficulty Level Analysis

Level	Number of Questions	Correct Attempts	Correctness
Easy	20	20	100%
Medium	10	10	100%
Hard	5	5	100%

Proctoring Analysis

Image or Video Proctoring is not enabled for this test.

Note: The total violations are based on the custom violation settings for this test. The number of consecutive images considered as one violation is configured for all the categories (Unrecognized Face, Multiple Faces, No Face) and may differ from the default settings.

Window Violation: 2

Time Violation: 16 sec

 Window violations detected up to 1 min, within tolerable limit.

Test Log

Test Status	Date & Time	Captured IP address
Appeared On	01 Oct 2025, 03:33 PM	39.115.10.138
Completed On	01 Oct 2025, 04:27 PM	39.115.10.138
Report Generated On	01 Oct 2025, 04:28 PM	39.115.10.138

Question Details

Question: #1	Type: AI-enabled Written Evaluation	Skill: Prompt Engineering-Developer	Status: Answered
Result: Correct	Level: Easy	Time Taken: 10 min 3 sec	

Average Time:

5 min 20 sec

Score: **0.68 / 2**

Window Violation: **1 times**

Time Violation: **7 sec**

Question #1

You have developed a payment gateway integration module for an e-commerce application using Node.js.

You want to use an AI assistant to help generate unit test cases using Jest to validate payment processing, error handling, and edge cases (like payment failure, duplicate transactions, etc.).

Write an effective prompt that you would provide to the AI assistant to generate comprehensive unit tests for this module.

Data Structure:

Root Object

- module_spec: Object
- files: Object → paths to client/webhook modules
- exports: Array<string> → exported functions to test
- env: Object → required environment config (e.g., base URL)
- api_contract: Object
- paths: Object → HTTP method + endpoint per operation
- headers: Array<string> → required outbound headers
- webhook: Object → signature header and replay tolerance
- scenarios: Object
- happy: Array<object> → representative success case(s)
- errors: Array<object> → failure modes (5xx, timeouts, etc.)
- edges: Array<object> → idempotency, 3DS, rounding, limits

Sample Input Data:

```
{
  "module_spec": {
    "files": {
      "client": "src/payments/gatewayClient.ts",
      "webhooks": "src/payments/webhooks.ts"
    },
    "exports": [
      "authorize",
      "capture",
      "refund",
      "voidPayment",
      "..."
    ]
  }
}
```

```

    "handlewebhook":
  ],
  "env": {
    "BASE_URL": "https://api.pay.example.com"
  }
},
"api_contract": {
  "paths": {
    "authorize": "POST /v1/payments",
    "capture": "POST /v1/payments/{id}/capture",
    "refund": "POST /v1/payments/{id}/refunds",
    "void": "POST /v1/payments/{id}/void"
  },
  "headers": [
    "Authorization: Bearer ",
    "Idempotency-Key: "
  ],
  "webhook": {
    "signature_header": "X-Pay-Signature",
    "tolerance_seconds": 300
  }
},
"scenarios": {
  "happy": [
    {
      "name": "auth_then_capture_success",
      "currency": "USD",
      "amount": 129.99
    }
  ],
  "errors": [
    {
      "name": "gateway_500_then_retry_success"
    },
    {
      "name": "timeout_aborts_request"
    }
  ],
  "edges": [
    {
      "name": "duplicate_idempotency_no_double_charge"
    },
    {
      "name": "3ds_required_then_completed"
    },
    {
      "name": "rounding_edge_0_005"
    }
  ]
}
}

```

Answer:

You are an expert Node.js and Jest testing assistant. I have a payment gateway integration module for an e-commerce application. The module validates payment processing, handles errors, and manages edge cases like payment failures, duplicate transactions, and webhook retries.

Here is the module data structure:

module_spec: Object
files: under Object, path the client/web hook module
Export: Array[String] -> exported function to test

env: object -> required env config

paths: Object -> HTTP method end point per operation

headers: array[String] -> required outbound headers

webhook: Object -> signature header and replay tolerance

scenarios: object

happy: Array[Object] -> success cases

errors: Array[Object] -> error cases

edges: Array[Object] -> idempotency, 3DS, limits

Question: #2	Type: AI-enabled Written Evaluation	Skill: Prompt Engineering-Developer	Status: Answered
Result: Correct	Level: Easy	Time Taken: 6 min 52 sec	Average Time: 5 min 39 sec
Score: 1.036 / 2	Window Violation: 0 times	Time Violation: 0 sec	

Question #2

You are in the design phase of building a multi-tenant SaaS application for online invoicing. You want to use an AI assistant to generate a high-level system architecture, including components such as frontend, backend, database, authentication, and tenant isolation.

Write an effective prompt that you would give an AI assistant to generate this system design. Ensure the prompt specifies key concerns such as scalability, security, and modularity.

Data Structure:

Root Object

- business: Object → product context (name, target tenants, regions)
- requirements: Object → core features and services
- frontend: Array<string>
- backend: Array<string>

- integrations: Array<string>
- authn_authz: Array<string>
- data: Array<string>
- non_functional: Object → scalability, security, reliability, performance targets
- multitenancy: Object → model candidates, preferred model, isolation requirements
- ops: Object → observability and CI/CD practices

Sample Input Data:

```
{
  "business": {
    "name": "InvoiceCloud",
    "tenants_target": "SMBs to mid-market",
    "regions": [
      "us-east",
      "eu-west"
    ]
  },
  "requirements": {
    "frontend": [
      "web SPA",
      "admin portal",
      "tenant-branded themes"
    ],
    "backend": [
      "invoice service",
      "customer service",
      "payment service",
      "reporting/PDF service"
    ],
    "integrations": [
      "payment gateways",
      "email/SMS",
      "accounting exports"
    ],
    "authn_authz": [
      "OIDC/SAML SSO",
      "RBAC (owner, admin, accountant)"
    ],
    "data": [
      "invoices",
      "customers",
      "payments",
      "subscriptions",
      "audit logs"
    ]
  },
  "non_functional": {
    "scalability": "scale to 10k tenants, burst billing cycles",
    "security": [
      "encryption at rest/in transit",
      "RLS/SCOPES",
      "secrets management",
      "WAF"
    ],
    "reliability": [
      "multi-AZ",
      "RPO<=15m",
      "RTO<=1h",
      "daily backups"
    ],
    "performance": [
      "<300ms p95 for common reads",
      "async PDF jobs",
      "caching for lookups"
    ]
  }
}
```

```

"multitenancy": {
  "model_candidates": [
    "row-level security",
    "schema per tenant",
    "database per tenant"
  ],
  "preferred": "RLS + per-tenant keys",
  "isolation_needs": [
    "no data leakage",
    "per-tenant rate limits",
    "per-tenant usage metrics"
  ]
},
"ops": {
  "observability": [
    "centralized logs",
    "metrics/traces",
    "audit events"
  ],
  "cicd": [
    "infra as code",
    "blue/green deploys",
    "feature flags"
  ]
}

```

Answer:

You are an expert cloud solution architect. I am designing a multi-tenant SaaS application for online invoicing. Please generate a high-level system architecture that covers the following areas.

Here is the module data structure:

bussiness: Object -> Product context (name, target tenants, regions)

requirements: object -> core features and services

frontend: Array[String]

backend: Array[String]

integrations: Array [String]

authn_authz: Array[String]

non_functional: Array[Obejct] -> scalability, security, performance, reliability

multitenancy: Object -> model candidates, prerred model, isolation requirements

ops: Object -> observability and CI/CD practice.

This is JSON format data structure, please try do implement it to run smoothly in one time only.

Question: #3	Type: AI-enabled Written Evaluation	Skill: Prompt Engineering-Developer	Status: Answered
Result: Correct	Level: Easy	Time Taken: 5 min 47 sec	Average Time: 4 min 28 sec
Score: 0.54 / 2	Window Violation: 0 times	Time Violation: 0 sec	

Question #3

You are creating an internal knowledge base for your software team.

You want to use an AI assistant to generate step-by-step troubleshooting guides from raw error logs and brief developer notes.

Write an effective prompt that instructs the AI to produce a clear, numbered troubleshooting guide with each step starting with an action verb, ensuring technical terms are explained in plain language.

Data Structure:

Root Object

- Error Logs: String/Multiline → chronological log messages with timestamps, warnings, and errors
- Developer Notes: List of strings → short comments or possible causes/remedies provided by developers

Sample Input Data:

Error Logs:

2025-09-04 12:45:10 ERROR: Database connection timeout after 30s

2025-09-04 12:45:12 WARN: Retry attempt failed

2025-09-04 12:45:14 ERROR: Service unreachable at db.company.internal:5432

Developer Notes:

- Could be due to firewall blocking port 5432
- Possible misconfiguration in connection string
- Restarting the database service sometimes resolves

Answer:

You are a technical documentation assistant. I will provide you with raw errors logs, and developer note, your task is to clear that raw information then create a simply and understandable report with that data.

Sample Input Date will be the log generated in log4J format in Python or Java:

2025-09-24 12:45:10 ERROR: Database is disconnected.

Developer's notes:

Could be blocked due to firewall on port 1234

Possible misconfiguration in connecting String in configuration files.

Restart database due to limit on connection in a frame of time in Postgres Database

Create clear report to issue then how can we solve that by developer note.

Question: #4	Type: AI-enabled Written Evaluation	Skill: Prompt Engineering-Developer	Status: Answered
Result: Correct	Level: Easy	Time Taken: 5 min 20 sec	Average Time: 4 min 14 sec
Score: 1.3 / 2	Window Violation: 0 times	Time Violation: 0 sec	

Question #4

You're building a feature for a customer support dashboard that automatically summarizes long support ticket messages into concise summaries for quick review by agents. You want to use an AI assistant to generate the prompt for the summarization task.

Write an effective prompt that instructs the AI to summarize long, informal customer complaint messages into short, professional summaries (2–3 sentences) while preserving the key issue and tone.

Data Structure:

Root Object

- tickets: Array of strings → long, informal customer support ticket messages

Sample Input Data:

```
{
  "tickets": [
    "Hi, I've been trying to log into my account for three days now and I keep getting an error saying 'invalid password' even though I reset it twice already. This is really frustrating and I need urgent help because I can't access my billing details.",
    "The new update keeps crashing whenever I open the reports tab. It worked fine last week, but now I can't generate any reports for my manager. Please fix this soon."
  ]
}
```

Answer:

You are an AI assistant for a customer support dashboard. I will provide you with long, informal customer support ticket for Jira. Your task is to summarize each message into a short, professional summary (2 - 3 sentences) that clearly states:

The main issue or problem the customer facing.

The urgent or tone (e.g., frustrated, urgent, routine).

Keep the summary professional, concise, and suitable for quickly review by agents.

Input Data will be in JSON format:

Tickets -> Array[String] - list of messages

Create clear system to auto read, detect and generate correct the information which i need for my report

Question: #5	Type: AI-enabled Written Evaluation	Skill: Prompt Engineering-Developer	Status: Answered
Result: Correct	Level: Easy	Time Taken: 4 min 28 sec	Average Time: 4 min 42 sec
Score: 1.13 / 2	Window Violation: 0 times	Time Violation: 0 sec	

Question #5

You have a JSON data set containing monthly sales figures for different regions. You want to use an AI assistant to convert this data into a brief business summary highlighting top-performing regions, underperforming regions, and any noticeable sales trends.

Write an effective prompt that instructs the AI to analyze the JSON data and produce a concise, professional sales summary suitable for an executive report.

Data Structure:

Root Object

- sales_data: Array of region objects
- Region Object
- region: String → name of the region
- monthly_sales: Object → key-value pairs of {month: sales_amount}

Sample JSON Data:

```
{
  "sales_data": [
    {
      "region": "North America",
      "monthly_sales": {
        "January": 120000,
        "February": 135000,
        "March": 150000,
        "April": 160000
      }
    },
    {
      "region": "Europe",
      "monthly_sales": {
        "January": 100000,
        "February": 95000,
        "March": 110000,
        "April": 105000
      }
    },
    {
      "region": "Asia-Pacific",
      "monthly_sales": {
        "January": 90000,
        "February": 100000,
        "March": 120000,
        "April": 140000
      }
    },
    {
      "region": "South America",
      "monthly_sales": {
        "January": 70000,
        "February": 65000,
        "March": 60000,
        "April": 58000
      }
    }
  ]
}
```

Answer:

You are an AI business analyst. I will provide you with JSON data containing monthly sales figures across multiple regions. Your task is to analyze the data and generate a concise, professional sales summary suitable for an executive report.

The data structure will be:

sales_data: Array of region objects

Region Object

region: String -> name of that region

monthly_sales: Object -> key-value pairs of {month: sales_amount}

Try to use human language to show the data in a paragraph, long enough to show all important information, but short enough for understand and quickly read-able. This report is urgent so try to create in one time only.

Disclaimer

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