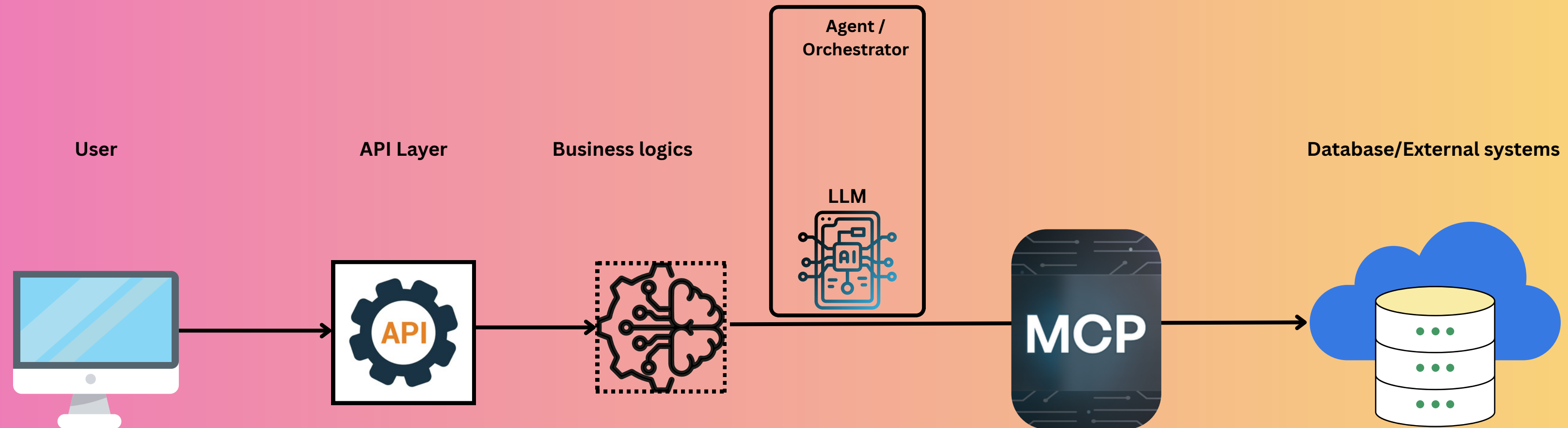
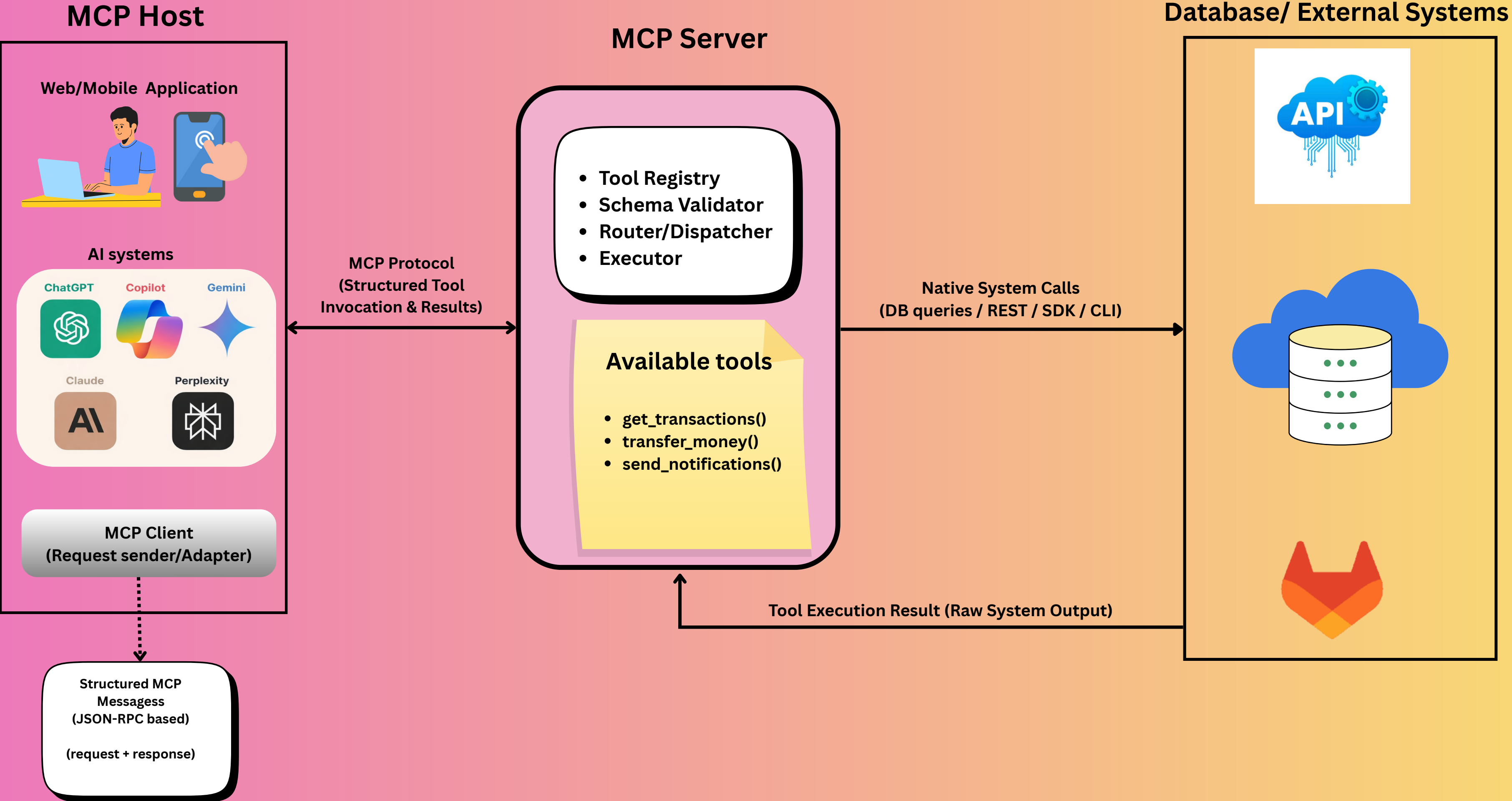


# Enterprise Application Workflow (Traditional → AI-Driven)



# Enterprise MCP Architecture



# MCP Example: Request & Response

## MCP Tool Definition

```
{
  "name": "get_transactions",
  "description": "Fetch user transactions
  for a given month and year"
  "input_schema": {
    "type": "object",
    "properties": {
      "month": { type: "integer" },
      "year": { type: "integer" }
    }
  }
}
```

- Talks to DB
- Handles Auth & Permissions
- Formats Output
- Hides Complexity

## MCP Request

```
{
  "jsonrpc": "2.0",
  "id": "txn-001",
  "method": "tools/call",
  "params": {
    "name": "get_transactions",
    "arguments": {
      "month": 12,
      "year": 2025
    }
  }
}
```

- No URLs
- No Auth Headers
- No DB Logic

## MCP Response

```
{
  "jsonrpc": "2.0",
  "id": "txn-001",
  "result": {
    {
      "transactions": [
        {
          "date": "2025-12-03",
          "amount": 1200,
          "type": "debit"
        }
      ]
    }
  }
}
```

- ✓ Clean
- ✓ Structured
- ✓ Predictable

Agent Calls MCP Tool ➡ MCP Server ➡ Structured Response

