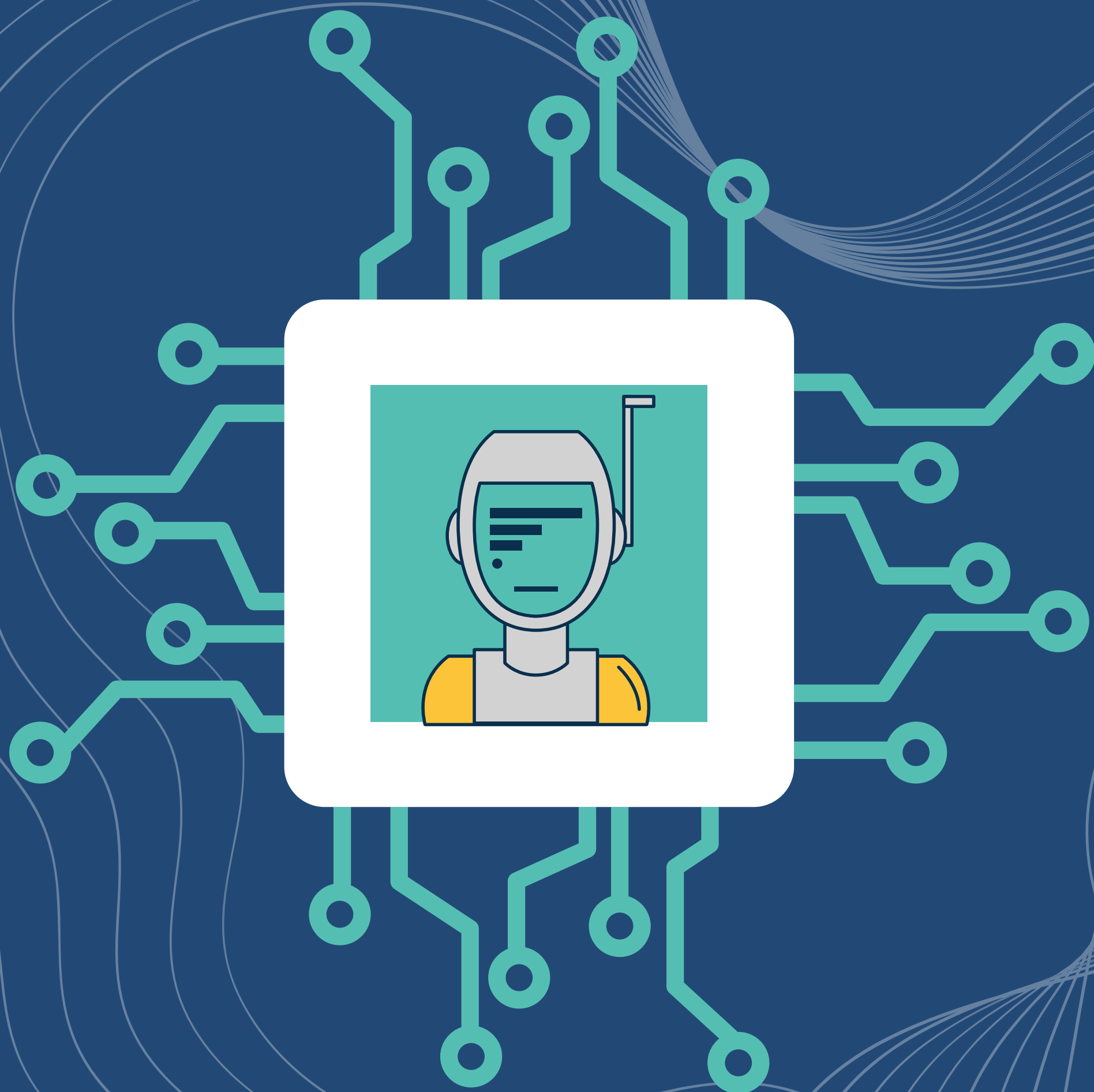


THE JOURNEY OF SOFTWARE CREATION

KEY STEPS AND METHODS



Orage Technologies
an IT solution company.

Brief overview of software product development

Understanding Software Product Development

- Definition of software product development
- The evolution of software development methodologies
- Overview of various software development models (Waterfall, Agile, Scrum, etc.)

Steps in Software Product Development

- Idea Generation and Conceptualization
- Brainstorming and evaluating ideas
- Market research and feasibility studies
- Requirement Analysis

Gathering and documenting user requirements

- Defining clear project objectives
- Design and Prototyping
- Crafting the software architecture
- Creating initial design mock-ups and prototypes
- Software Development and Implementation

Coding and development process

- Choosing the right programming languages and tools
- Testing and Quality Assurance

Different stages of testing (Unit, Integration, System, Acceptance)

- Ensuring product quality and reliability
- Deployment and Integration

Rolling out the product to users

- Integrating with existing systems and platforms
- Maintenance and Updates
- Providing ongoing support
- Releasing updates based on user feedback

Methods in Software Product Development

- In-depth exploration of methodologies like Agile, Waterfall, and DevOps
- Advantages and challenges of each methodology
- Case studies or examples of each methodology in action

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