

The logo for CloudBay features a blue outline of a cloud on the left, followed by the word "CloudBay" in a bold, sans-serif font. "Cloud" is white and "Bay" is blue.

CloudBay

Software development services

Agile approach



Business value oriented

Business value increments in each sprint



Following changing market demands

Backlog adjustments according changing market expectations and new opportunities



No upfront commitment

Only scope included into sprint backlog



Proof of Concepts

The highest level of Agile maturity. Verification of new challenges. Smart effort, quick results



SCRUM & AgilePM

Agile methodologies for development process and project management



Our staff



Ninja team for demanding & difficult challenges



Experience

- 10-15 years of experience in many domains & industries.
- Software in SaaS, BaaS, PaaS & other models
- Estimations, Risks identification



Knowledge

- Experts level
- Know-how
- Certifications
- Cross-domain
- Self-sufficiency



Graduation

- Masters of engineering
- Masters of science
- Doctors of engineering



Flexibility

- Scalability
- Self-organising

Software development process

✓ Analysis

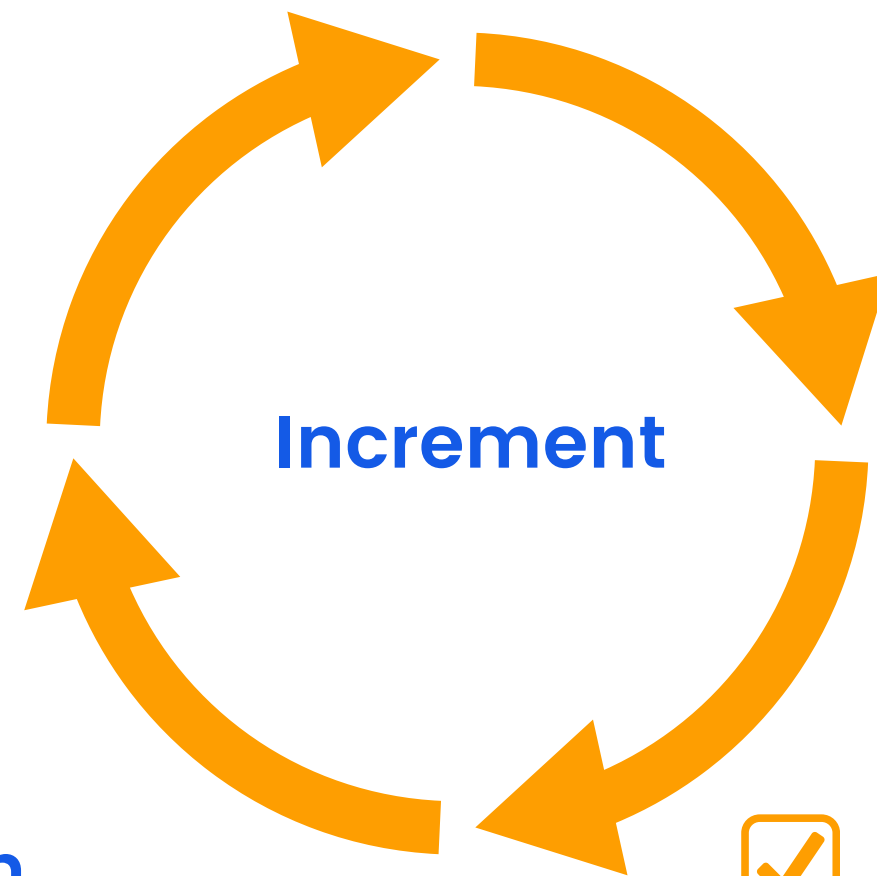
- Business analysis
- Backlog refinement
- User stories

✓ Maintenance

- Monitoring
- Audits
- Review

✓ Designing

- Architecture
- Infrastructure
- UX



✓ Implementation

- Deployment & technical configuration
- Business configuration (users, settings)

✓ Development

- Backlog items
- PoC
- MVP
- Releases



Competences



Software architects

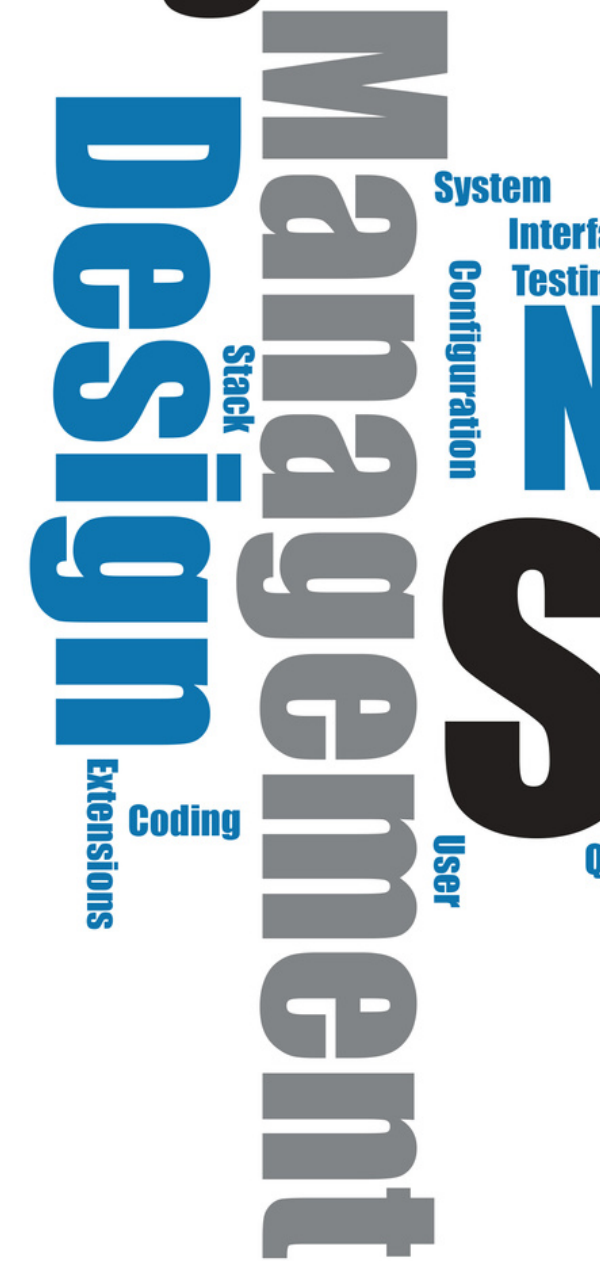
- Preparing architecture vision
- Designing solution architecture (components)
- Designing solution infrastructure
- Designing security
- Designing data structure
- Designing communication interfaces between components and other systems
- Certified by TOGAF



Cloud Engineers

- Preparing migration plans to the cloud
- Preparing migration existing software components to the cloud services
- Porting solutions to many Cloud Providers, i.e. AWS, Azure, GCP, OVH
- Preparing monitoring in the Cloud
- Configuring Cloud Account, Services, etc.
- Certified by AWS

Program



Competences



UX / UI Designer

- Designing UI mockups
- Designing User Experience
- Designing style guide
- Conducting A/B tests
- Web-trackers monitoring (Google Analytics, Matomo, etc.)
- Improving functionalities based on gathered data



Frontend developer

- Implementing frontend (UI)
- RWD approach
- Mobile first approach
- Integration with backend API
- Implementing security mechanisms (oAuth2, JWT)
- Compliance with OWASP
- Technologies: Angular, Vue, React

Program

Design Management
Stack Configuration
System Interf
Testin
Coding
User
Extensions

Competences



Backend developer

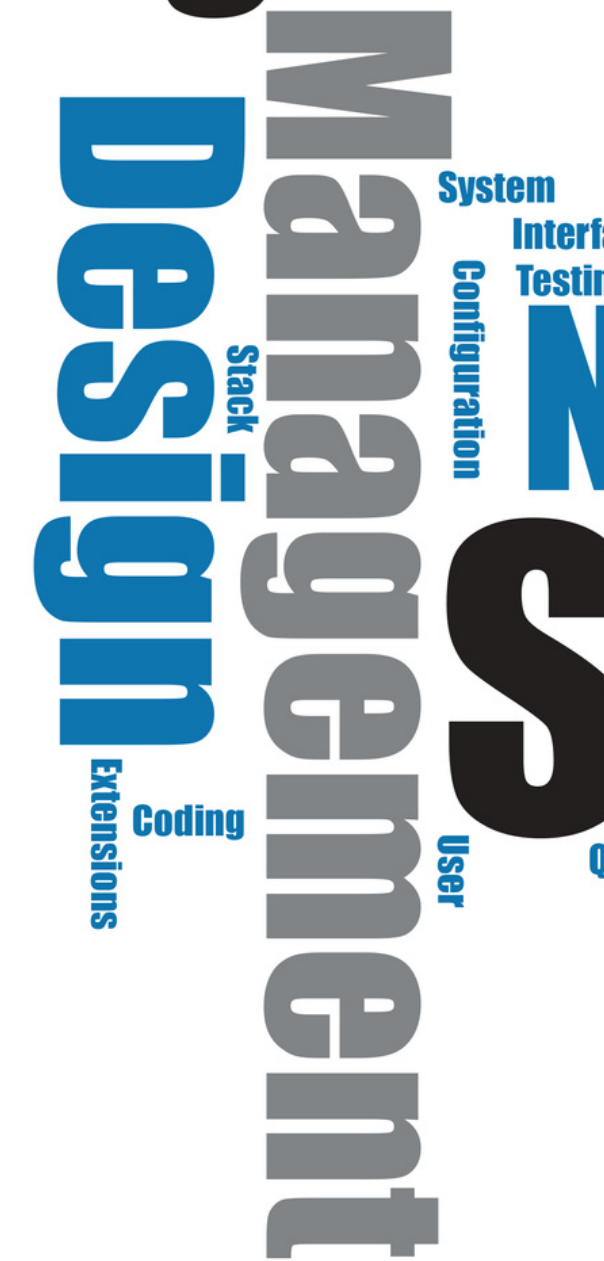
- Implementing backend within API
- Implementing Security mechanisms
- Implementing RBAC mechanisms (HATEOAS lvl. 3)
- Implementing communication between components, and compliance with standards
- Implementing unit and integration tests
- Technologies: Java, Node.js, Spring Boot, Docker,



DevOps

- Preparing full automation of software building process and deployment
- CI/CD Pipelines
- Gitlab based automation
- Integration with static code analyse tools (Sonar Qube) and configuration (Quality Gates)
- Integration with external tools for processing automated tests
- Terraform - automated infrastrucure creation

Program



Competences



QA (Quality Assurance)

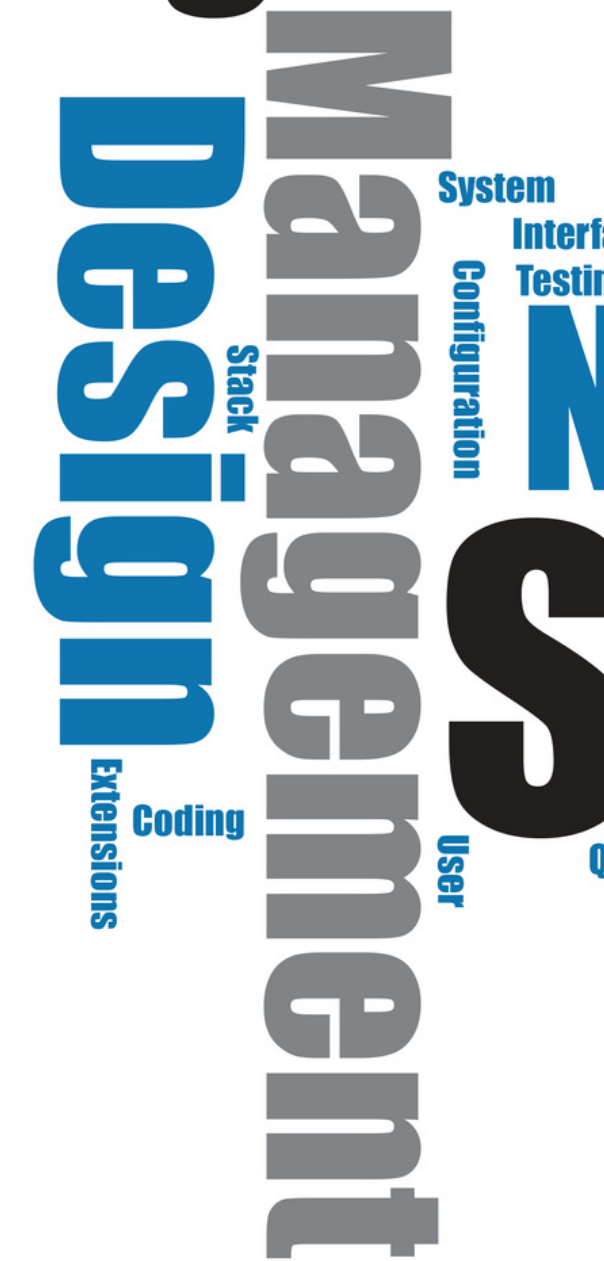
- Preparing test scenarios
- Implementing automated set of tests
- Quality gates verification
- Technologies: karma, test containers, cypress



Product and Project management

- Backlog management (PSPO)
- Project management (AgilePM, Prince2, PMI)
- Team management (PSM)

Program



Cooperation models



Possible cooperation models



Estimated effort

- Price calculation based on backlog items work effort estimations
- Dividing scope into small elements
- Estimated dates of delivery



Sprint

- Constant price per sprint
- Constant team capacity
- Scope of work for sprint agreed before start



Time and Material

- Paid for done work
- No flexibility in resources management



Fix price

- Big operational risk especially in big projects
- No space for flexible adjusting backlog
- Many formalities



Backlog management

Backlog Item	Estimation	Phase	
User story 1	XL	Proof of Concept	<ul style="list-style-type: none">• 2-4 weeks• Reduces project risks
User story 2	L	Minimum Viable Product (MVP)	<ul style="list-style-type: none">• 3-6 months• First production version• Business assumptions validation in the market• Contains next PoCs
User story 3	M		
User story 4	XL		
User story 5	M	Release 2	<ul style="list-style-type: none">• 3 months• Releasing new features• Contains next PoCs
User story 6	L		
User story 7	M		
User story 8	XL	Release 3	<ul style="list-style-type: none">• 3 months• Releasing new features• Contains next PoCs
User story 9	L		



Benefits & advantages

- The highest quality**
Provided with the quality gates & automated tests
- The best security**
Compliance with standards and regulations. Assured by certified staff
- State-of-the-art solutions**
Focus on stable technologies, tools, platforms and services recommended by Technology Radar
- Full automation**
Infrastructure, deployment & tests. Go to production in less than 1 hour
- Experienced team**
10+ years of experience in Banking, IoT, Cloud and other industries
- Support in all phases of the project**
Sharing experience, best practices and know-how



Thank You

We're here to help you

Your proven Technology Partner



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