

"CTE COBO- House of Emerging Technologies" Project (CUP F39I22001840004)

ANNEX 2 - PROFILES

Developer: Candidates who have experience, study, or interest in programming and software development, with a focus on web or mobile applications. The ability to transform ideas into working digital prototypes is a key element for this figure.

Skills: Thorough knowledge of programming and software development, ability to work with technologies such as AI, IoT, AR/VR, high-performance computing and 5G.

Ideal college pathway: Bachelor's degree in Computer Science, Computer Engineering, Computer Science or a related field.

Experience: Experience in programming and application development, technical expertise in enabling technologies such as AI and IoT.

Interests: Passionate about technology, eager to experiment with and implement innovative solutions, interest in programming and practical application of emerging technologies.

Designer: Candidates who have experience, study or strong interest in design, particularly UX/UI design or design thinking. Candidates should show aesthetic sensitivity and an understanding of user functionality, with the ability to actively participate in the process of developing innovative ideas.

Skills: Expertise in user experience (UX) and user interface (UI) design, knowledge of design tools such as Adobe XD, Sketch, Figma, expertise in usability and accessibility.

Ideal college pathway: Bachelor's degree in Interaction Design, User Interface Design, Industrial Design or a related field.

Experience: Experience in designing intuitive and engaging user interfaces, understanding of user needs and best practices in user experience design.

Interests: Interest in creating engaging and intuitive digital experiences, curiosity in understanding user needs and translating them into design solutions, attention to detail and simplicity in user-technology interaction.

Engineers/Technicians: Candidates with experience, education, study or interest in engineering or with a strong technical/technological background. The candidate should have some understanding of Industry 4.0 issues and how technologies can improve working conditions and efficiency. Any experience, study, or research in the field of Industry 4.0 is a plus.

Skills: Knowledge of the dynamics and challenges of cities, ability to analyse and understand the needs of citizens, expertise in urban planning and architecture, or ability to design solutions based on the requirements and needs of Smart cities, mastery of design tools such as CAD, BIM, and 3D modelling.

Ideal college pathway: Bachelor's degree in Electrical Engineering, Automation, Mechanical, Management, Computer Science, Design or a related field.

Experience: Experience and/or knowledge of manufacturing processes, knowledge of sustainable production and user experience improvement methodologies,

Interests: Interest in emerging technologies, environmental sustainability, ergonomics and user experience, curiosity in creating innovative solutions that improve people's work.

Business Expert: Candidates who have education, experience, or interest in marketing, business or economics. Basic skills in business planning, financial management and creating sustainable business models are desirable. Any experience or study in project management, investment evaluation, and creating effective marketing strategies will be appreciated.

Skills: Business management skills, knowledge of the market and economic dynamics, ability to analyse business needs and opportunities.

Ideal college pathway: Bachelor's degree in Economics, Business Administration or a related field.

Experience: Experience in project management, business strategy development, market analysis and financial planning.



Interests: Interest in innovation, creation of sustainable business models, and analysis of market opportunities, oriented toward achieving results and scalability of proposed solutions.



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