Curriculum Vitae

Smith Consult

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Profile

Proactive, hardworking, dynamic and friendly with 12 years' experience in a fast moving and thriving industry.

Dedicated to continual improvement in all areas of work.

Sustainable engineering approach at the heart of every piece of work.

Open and approachable management team who love to listen and act upon team ideas and feedback.

Strong IT focus, committed to investment and development in working processes for the team.

Supportive at every stage of design and development to ensure high quality delivery.

Team learning and development focus, especially supporting junior staff through mentorship and training.

Keen team player enjoying sports, social events and challenges.

Aspirations

Targeting high feedback scores on every project.

Net zero operations by 2030.

Keeping the team happy, safe and well looked after.

Skills

- Passivhaus Consultant
- Low Carbon Energy Advisors
- Adept in Revit
- IESVE Level 5 Assessors
- CITB Health, Safety - Manager and Professional level
- ISO 14001 and 9001 certified
- Quality focused
- Great collaborator

Hobbies and interests

Keeping fit playing football, cycling and running with colleagues at lunchtime. Particularly enjoy axe-throwing, hiking and go-karting.

Recent Projects

- A highly technical hydrogen storage facility for Bristol University. Project incorporates robotic arm, containerised lab and associated air handling unit, glove boxes and furnaces. Delivered August 2024.
- 4-years of regeneration projects with Cirencester College for new Digital, T-Levels and Wellbeing Hub buildings, providing decarbonised, visually refreshed and updated facilities. 2020 to 2024.
- Sports complex re-build, Bristol, 2024, with ASHP, large PV array, natural vent roof turrets with low energy thermal mixing, zero-storage 'thermal battery' units using phase-changing material to generate hot water.

Current Work Experience

Sports Facility development, ongoing

New build team sports changing facility undergoing design to AECB CarbonLite Standards using PHPP modelling. BIM Level 2, ensuring a fully integrated and accessible design. Projected cost £4.5m.

Beach Café and Community Space development, ongoing

Beachfront high profile development, built into the cliff, providing a new 2 storey building with café, restaurant, roof terraces and ground floor retail development with flexible workspaces, fitness suite and public WC's.

New Moderate and Additional Learning Difficulties School, ongoing

Estimated £15m project to build a new MALD school, targeting net zero building operations through sustainable design. Revit design with climate based daylight modelling and overheating analysis.

Education and Achievements

UWE Sept 2019 – onwards

Supporting a series of apprentices through Degree Apprenticeships including Building Services Engineering and Chartered Management.

CPD's: Annual programme 2024

Building Safety Act update, How Data Driven Hydronics Shape Building Performance, Ventilation for Education and Commercial Buildings and TM65 Embodied carbon calculation in building services: calculation methodology among others.

Achievements

- Client feedback surveys regularly show 'Totally Satisfied' with a current average score across all feedback of 9.3/10.
- RICS Awards UK 2022 South West Public Sector Project.
- Successful ISO 9001 and 14001 annual recertification.