

GOPIKA SAJI

Graduate Structural Engineer

Email: gopikasaji03@gmail.com | Phone: +44 7747 688496 | <https://www.linkedin.com/in/gopika-saji-gs2000>

PROFILE SUMMARY

MSc Structural Engineer (Distinction) with expertise in structural design, site supervision, CAD drafting, and 3D modelling across residential, commercial, and infrastructure projects. Skilled in Eurocode EC2 & EC3, reinforced concrete and steel structures, corrosion mitigation, and sustainable construction materials, with hands-on experience in AutoCAD, Revit, Tekla, STAAD Pro, ETABS, SketchUp, and BIM workflows. Strong in technical reporting, project coordination, site inspections, and team leadership, delivering efficient and high-quality results. Fully eligible to work in the UK, available immediately, and seeking a graduate Structural or Civil Engineering role with a clear path toward Chartered Engineer (CEng) status.

PROFESSIONAL EXPERIENCE

Site Engineer Intern

Arcite Solutions Pvt. Ltd., Kerala, India | September 2022 – February 2023

- Supervised construction activities ensuring compliance with safety and quality standards.
- Coordinated with project teams to maintain timelines and efficient task execution.
- Conducted site inspections, identified potential risks, and prepared progress reports for management.

CAD Drafter Intern

Arcite Solutions Pvt. Ltd., Kerala, India | September 2022 – May 2023

- Produced 20+ detailed AutoCAD drawings for residential and commercial projects (layouts, site plans, structural details).
- Developed excavation plans ensuring accuracy and feasibility for on-site execution.
- Collaborated with engineers and architects to meet technical and regulatory requirements.
- Revised and refined designs based on feedback, maintaining high-quality standards.

Team Leader (Part-Time)

Ole & Steen, London, UK | September 2023 – September 2025

- Supervised and coordinated a team in a fast-paced customer service environment, ensuring smooth daily operations.
 - Trained and mentored new staff, improving efficiency and team performance.
 - Strengthened leadership, communication, and problem-solving skills under pressure.
 - Managed scheduling, task delegation, and conflict resolution, demonstrating transferable skills in project management and team collaboration within engineering.
-

EDUCATION

MSc in Structural Engineering (Distinction)

University of East London, London, UK

September 2023 – September 2024

- Modules: Structural Stability and Analysis, Design in Steel and Concrete (Eurocode-based), Advanced Structural Steel
- Dissertation: Experimental Investigation of Seashell Concrete with Anticorrosion Agent Enhancement.

B Tech in Civil Engineering (CGPA: 8.25)

APJ Abdul Kalam Technological University, Kerala, India

August 2018 – May 2022

- Modules: Strength of Materials, Structural Analysis and Design, Concrete Technology
- Dissertation: Investigation into Corrosion Behaviour of Steel in Reinforced Concrete with SCMs

TECHNICAL SKILLS

- Structural Design & Codes: Eurocode (EC2, EC3), Reinforced Concrete, Steel Structures
- Analysis and 3D Modelling Software: STAAD Pro, ETABS, AutoCAD, Revit, SketchUp, Tekla
- Project Management: Primavera P6, MS Excel, MS Word
- Project Coordination: Site supervision, task management, reporting
- Health & Safety: Risk assessments, safe lab and site practices, COSHH awareness.
- Engineering Lab & Testing: Concrete durability, shrinkage tests, XRD analysis, corrosion testing, specimen preparation, compliance with BS/EN standards.

ENGINEERING PROJECTS

Experimental Investigation of Seashell Concrete with Anticorrosion Agent Enhancement (2024)

- Researched the use of seashell powder with Basilisk & Yara additives to improve concrete durability.
- Conducted shrinkage and XRD tests in accordance with BS EN 12390-16:2019, contributing to sustainable materials development in structural engineering.

Investigation in Corrosion behaviour of Steel in Reinforced Concrete with SCM's (2022)

- Analysed the effect of supplementary cementitious materials (SCMs) on corrosion resistance in reinforced concrete.
- Performed electrochemical durability tests, generating insights into long-term structural performance.
- Published findings in the *International Research Journal of Engineering and Technology (IRJET)*, June 2022.

AREAS OF TECHNICAL EXPERTISE

- Design and analysis of steel, concrete, and composite structures
 - Application of sustainable and durable construction materials
 - Site management, quality assurance, and safety compliance
 - Construction planning, sequencing, temporary works, and logistics
-