

## PRUDHVI SURAJ CHAKKAPALLI

MSC. CONSTRUCTION PROJECT MANAGEMENT WITH BIM.  
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## PROFILE SUMMARY

Highly motivated and driven Civil Site Engineer with an MSc in Construction Project Management with BIM from Northumbria University. Specializing in large scale infrastructure projects with emphasis on sustainability, innovative solutions and construction technologies. Skilled in AutoCAD, Revit, Sketch Up, budget control, execution of works, and coordination between stakeholders. Experienced in delivering projects on time and within budget while adhering to safety and quality requirements. A self-starter and quick learner with great communication and leadership skills, passionate about delivering transformational infrastructure programs and raising the bar in the construction industry.

## EDUCATION

### **MSc Construction Project Management with BIM (Advanced Practice)**

*Northumbria University, England | Jan 2022 – Jan 2025*

- Completed 6-month Apprenticeship focusing on sustainability and infrastructure innovation.
- Gained communication, leadership, and presentation skills in a multicultural environment.

### **B.E. Civil Engineering**

*Sathyabama University, Chennai | June 2017 – May 2021*

- Achieved **79% CGPA**.
- Conducted a **Geotechnical Research Project** analyzing industrial waste effects on land suitability for construction.

### **Plus Two (MPC)**

*Aditya Junior College, Kakinada | June 2015 – May 2017 | 75%*

## **10th Grade**

*Little Woods School, Kakinada | June 2014 – May 2015 | 82%*

# **EMPLOYMENT HISTORY**

## **Research Lead (Internship)**

*Turner and Townsend, Newcastle upon Tyne | Jan 2023 – Jun 2023*

- Researched sustainable solutions to reduce the carbon footprint of Blakelaw Football Stadium.
- Explored innovative technologies like Pavegen and assessed feasibility for implementation.
- Led a multicultural team to ensure timely project delivery and stakeholder collaboration.
- Presented findings to stakeholders, offering actionable recommendations for sustainable infrastructure.

## **Internship Trainee**

*Nilaya Infinity, Kakinada | May 2019 – Jul 2019*

- Assisted in project management across multiple construction sites.
- Conducted site inspections to ensure safety and quality compliance.
- Documented progress reports and coordinated tasks with subcontractors.

## **Internship Trainee**

*Haarika Associates, Kakinada | May 2017 – Jul 2017*

- Collaborated on residential building projects, focusing on slab work and construction processes.
- Gained hands-on experience in on-site project execution.

## **Manager (Part-Time)**

*VAK Stores | Jan 2021 – Jan 2023*

- Managed inventory, staff schedules, and customer service operations.
- Improved team efficiency and customer satisfaction by 10%.
- Enhanced communication and problem-solving skills by addressing diverse customer needs.

## SKILLS

- Construction Project Management
- Building Information Modeling (BIM)
- Project Planning and Scheduling
- Risk Assessment and Mitigation
- Stakeholder Communication
- Sustainable Urban Development
- Data Analysis (e.g., SPSS, Excel)
- Knowledge of Industry 5.0 and Construction 5.0

## DISSERTATIONS

### **Emerging Industry 5.0 and Construction 5.0 Technologies in Sustainable Urban Development**

- Conducted a **quantitative study** to evaluate the role of Industry 5.0 technologies like AI, IoT, and robotics in sustainable urban development.
- Developed insights on integrating Society 5.0 for human-centric, sustainable city planning.
- Utilized **SPSS** to analyze structured survey data and provide actionable recommendations for improving project efficiency.

## ADDITIONAL STUFF

### **Professional Badminton Player**

- Won multiple tournaments in **India** and the **United Kingdom**, highlighting discipline and strategic thinking.
- Demonstrated exceptional teamwork and leadership skills in doubles and team events.
- Balanced professional athletics with academics, emphasizing time management and goal setting.

### **B.E. Geotechnical Project**

- Conducted a study on soil and water contamination due to industrial waste from a fertilizer company.
- Tested samples, concluded site unsuitability, and recommended remediation measures.