

SOU ROSUN

Civil Engineer | Web & App Developer

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SUMMARY

Civil Engineering graduate with hands-on experience in surveying and Site Managing, currently strengthening digital capabilities through Web and App Development studies. Focused on improving construction efficiency using engineering software and data-driven tools.

EXPERIENCE

RNS Design & Construction

Site Engineer / Structural & Architectural Draftman (Jan 2025 – Present)

- **Construction site Work :**
 - Supervised daily construction activities ensuring compliance with structural drawings and quality standards.
 - Conducted site measurements and verified alignment using surveying instruments.
 - Coordinated subcontractors and monitored project progress.
 - Assisted in material inspection and quality control procedures.
- **Office Work :**
 - Prepare floor plans, elevations, sections
 - Draft door/window schedules
 - Update drawings based on revisions
 - Coordinate with architects & engineers
 - Draft foundation layout
 - Detail beam, column, slab reinforcement
 - Prepare bar bending schedule (BBS)
 - Coordinate structural changes with engineer

NOUNKOUNG GROUP

IT Support / Electronics Maintenance (December 2023 – June 2023)

- **Troubleshooting** : Diagnosing and resolving IT issues, such as hardware and software faults.
- **Software Installation** : Installing and configuring software, hardware, printers and phones.
- **Technical Support** : Providing technical assistance to employees, either in person or over the phone.
- **Maintenance** : Performing routine maintenance and inspections on electronic equipment to ensure optimal performance.
- **Repair** : Diagnosing and repairing faulty electronic equipment, including replacing defective components.

Ministry of Public Works and Transport

Intern, Survey engineer (September 2022 – November 2022)

- **Field Work :**
 - Setting up and operating surveying instruments (Digital auto level, Total station, DGPS/RTK).
 - Taking measurements of distances, angles, and elevations.
 - Collecting data on land features and boundaries.
 - Ensuring safety protocols are followed.

ENGINEERING PROJECTS

- **Classic Villa (3 Story Villa House) Period 1 year**
 - From Foundation to Finishing

- **Renovation Borey Varina (3rd Floor Renovation) Period 6 Months**
 - From Drafting & Designing to Constructing
- **Office Building (2 Storey office)**
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TECHNICAL PROJECTS

- **Construction Cost Dashboard**
 - 1
 - 2
- **Student Management System**
 - 1
 - 2
- **Portfolio Website**
 - 1
 - 2

EDUCATION

- **TUX GLOBAL INSTITUTE**
Associate Degree of Computer Software Engineering (February 2025 – Present)
- **NATIONAL POLYTECHNIC INSTITUTE OF CAMBODIA**
Bachelor degree of Civil Engineering (November 2019 – December 2023)
- **HUNSEN CHOMPUVAN HIGH SCHOOL**
High School Diploma (October 2012 – August 2019)

SKILLS

- **Simulation Software** : Autodesk Robot Structural Analysis (Basic), ETABs (Basic)
- **Scripting** : Mathcad15 / Mathcad Prime (Intermediate)
- **Data Analysis** : Excel (Intermediate)
- **CAD & 3D Modeling** : AutoCAD, SketchUp, Enscape, Advanced Concrete
- **Design Graphic** : Photoshop, Illustrator, InDesign (Basic)
- **Programming Language** : C, C++, Java, HTML, CSS, JAVA Script, Python, React
- **Backend / Database** : SQL Sever Management Studio 20, Pgadmin4 (Postgress), Node/Node.js

COURSES

- **DEEP TEACHING SOLUTION**
Learning How To Learn (Online Course)

Finished

LANGUAGE

- **Khmer** (Native)
- **English** (Pre-Intermediate)