

# SOU ROSUN

Civil Engineer| Web & App Developer

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## SUMMARY

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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

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### 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 reinforce
  - 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

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

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

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

## EDUCATION

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- **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

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- **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 Server Management Studio 20, Pgadmin4 ( Postgress ), Node/Node.js

## COURSES

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

Finished

## LANGUAGE

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