

RAKSHITH CHANDRA SHEKAR

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Live demos: [ProcureFlow](#) · [AssetPulse](#) | **GitHub:** github.com/rakshithc4

SUMMARY

Computer Science student (Bachelor of Advanced Computing, University of Sydney, graduating 2027/2028) with hands-on experience building enterprise-grade SAP ABAP Cloud applications and applied data and analytics tooling. Delivered two independent end-to-end SAP projects, both live as working web demos, plus a machine learning research project. Combines technical delivery with leadership and clear stakeholder communication. Seeking a graduate technology role in Sydney where I can grow into SAP and enterprise systems delivery.

TECHNICAL SKILLS

- **SAP and Enterprise:** ABAP Cloud, RAP (RESTful ABAP Programming Model), SAP BTP, CDS Views, OData V4, SAP Fiori, ABAP Unit, ATC
- **Data and AI:** Python, SQL, CNN model benchmarking and evaluation, operations analytics (MTTR, availability %, backlog aging)
- **Engineering Practice:** Git/GitHub, Next.js/React, Vercel, Agile, automated testing, systematic debugging
- **Professional:** Stakeholder communication, requirements gathering, structured problem-solving, team leadership

TECHNICAL PROJECTS

AssetPulse: Asset Maintenance Management System

- Built a full-stack asset maintenance and reliability system modelled on how large industrial operators manage heavy equipment: SAP ABAP Cloud (RAP) backend on SAP BTP with a Next.js/React "control room" front end.
- Implemented role-based workflows for Engineers, Supervisors and Technicians covering fault reporting, work-order conversion, scheduling, assignment and completion.
- Built a Python analytics layer tracking Mean Time to Repair (MTTR), equipment availability % and maintenance backlog aging, taking one operational problem from data model to deployed UI.

Live demo: <https://assetpulse-psi.vercel.app/login> | **GitHub:** <https://github.com/rakshithc4/assetpulse.git>

ProcureFlow: SAP ABAP Cloud Procurement Workflow

- Built an end-to-end procurement approval workflow on SAP BTP using the RAP model: 17 activated objects and 4 custom RAP actions (SubmitForApproval, Approve, Reject, CreatePurchaseOrder).
- Verified quality with 6/6 ABAP Unit tests passing and a clean ATC (ABAP Test Cockpit) scan; independently diagnosed and resolved 15 complex defects through systematic debugging.
- Shipped a web front end with Requestor and Approver roles for taking purchase requisitions through to approval.

Live demo: <https://procureflow-alpha.vercel.app/login> | **GitHub:** <https://github.com/rakshithc4/procureflow.git>

Brain Tumour Classification Using Deep Learning (co-authored)

- Benchmarked 4 CNN architectures on 7,023 MRI scans for brain tumour classification; ResNet50V2 reached 95.5% accuracy.
- Co-authored the study and shared the model output in a public Colab notebook, showing applied data analysis beyond SAP.

GitHub: <https://github.com/rakshithc4/brain-tumour-cnn-classification.git> | **Model output:** [Colab notebook](#)

EXPERIENCE

President, Student Council *Manipal Academy of Higher Education*

2022 – 2024

- Led a 22-person student committee to plan and run 17 campus events for a student body of 800+.
- Coordinated budgets, vendors and cross-team logistics across the full event calendar.

Peer Mentor *University of Sydney*

2025 – Present

- Support new Computer Science students with academic guidance and transition advice.
- Translate technical concepts into clear, accessible explanations for students new to the degree.

Guest Relations Representative *BridgeClimb, Sydney, NSW*

Jul 2026 – Present

- Deliver safety-critical customer service to international visitors in a high-pressure, time-constrained environment.
- Manage group logistics and give clear instructions to large groups.

EDUCATION

Bachelor of Advanced Computing, University of Sydney

Expected 2027/2028

Major: Computer Science | Minor: Software Development | WAM: 76 | 2+2 transfer from Manipal Academy of Higher Education, India

CERTIFICATIONS AND LANGUAGES

- SAP Certified: Positioning SAP Business Data Cloud (SAP Learning Hub, Apr 2025)
- In progress: C_ABAPD_2507, SAP Certified Associate, Back-End Developer ABAP Cloud
- **Languages:** English (Fluent), Hindi (Fluent), Kannada (Native)