

ISHAAN CHANDRA

CONTACT

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EDUCATION

University of Sydney, Australia
Bachelor of Engineering Honours (Software)
Expected Graduation: Nov 2025
WAM - Distinction (Greater than 75)

TECHNICAL SKILLS

Web Development: HTML, CSS, JS, Figma
Data: SQL, MongoDB, PowerBI
AI/ML: TensorFlow, Sklearn, n8n, Bolt, OpenAI
Management: JIRA, Git, Microsoft Office
Languages: Python, Java, C, C++, R

SOFT SKILLS

- Agile Environments (Scrum), Team Building
- Oral/Written Communication, Presenting
- Hardworking, Resilient, Curious, Fast Learner

EXTRA-CURRICULARS

- Published a research paper on “**Parental Consent-based Mobile Wallet Platform for School Children.**” in a National Academic Journal.
- **Coached** a team of 11 young cricketers (ages 9-10) at SPC Strathfield, Sydney, fostering **skill development, teamwork, and sportsmanship.**

EXPERIENCE

Vice President Internal *Jun 2024 – Present*
ENACTUS University of Sydney

- Managed club operations and oversaw project teams.
- Led recruitment and onboarding processes.
- Provided mentorship to project leaders for successful execution.
- Demonstrated strong leadership and time management.

Machine Learning Intern *Dec 2024 – Feb 2025*
Bharti Airtel Pvt Ltd. – Delhi, India

- Developed a recommendation system for banking solutions on a dataset of 50 million users.
- Utilized state-of-the-art machine learning models to optimize recommendation accuracy and user personalization.
- Ensured accuracy and efficiency using advanced evaluation metrics.

Data and AI Intern *Dec 2023 – Mar 2024*
H One Private Limited – Colombo, Sri Lanka

- Collaborated on AI-driven solutions with cross-functional teams.
- Worked extensively with Microsoft Azure AI Studio and Document Intelligence.
- Technical Stack - Python, Microsoft Azure Studio, PowerBI

Machine Learning Intern *Jun 2023 – Jul 2023*
AXIATA DIGITAL LABS – Colombo, Sri Lanka

- Developed AI software with OpenAI functionalities.
- Technical Stack - Python

Digital Marketing Intern *Sep 2021 - Feb 2022*
WEADDO – Delhi, India

- Developed Java-based front ends for multiple live projects.
- Technical Stack - Bootstrap/HTML/CSS

Cloud Computing Intern *Sep 2019*
IBM Data Centre – Delhi, India

- Hands-on experience with managed data centers and cloud solutions.

AWARDS

Sydney Scholars India 20% Scholarship *Feb 2022*
University of Sydney

PROJECTS

- **FenceApp for RenoPilot** — *R, Shiny, AWS* (Nov 2024)
 - Built a cloud-based Fence App for dynamic design, cost estimation, and panel customization.
 - Integrated lookup tables, optimized layouts, and deployed on AWS EC2 with S3 storage.
- **Resistor Value Image Classification** — *Python, CNN, WNN* (2024)
 - Developed a machine learning system for resistor classification using computer vision.
 - Implemented CNNs and WNNs for high-accuracy predictions and optimized model performance.
 - Proposed integration into a mobile app and API for industry applications.
- **Virtual Scroll Access System** — *Java, JavaFX, Jenkins, Webhooks* (Nov 2023)
 - Developed a GUI-based virtual scroll system for binary file access using Java and JavaFX.
 - Managed file manipulation with JSON formatting and integrated CI/CD using Jenkins.
 - Led Agile development as Scrum Master, implementing a Jira dashboard for tracking progress.