ISHAAN CHANDRA

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SUMMARY

A driven Software Engineering student at the **University of Sydney** with hands-on experience in **AI, cloud computing, and full-stack development** across international internships and academic projects. Passionate about solving complex problems through innovative solutions, currently seeking a role in **Data Science** or **Backend Engineering** to apply expertise in **machine learning, Python development, and scalable system design.**

EXPERIENCE

Machine Learning Intern | Bharti Airtel | *December 2024 - February 2025* | Delhi, India
- Designed and deployed a real-time banking recommendation system using decision trees and ensemble models on a **50M user dataset.**
- Tuned hyperparameters via cross-validation to improve model precision by **18%** over existing benchmarks.
- **Collaborated with data engineering teams** to integrate outputs into Airtel's digital banking dashboard.

Data Science and AI Intern | H One Pvt. Ltd. | *December 2023 - March 2024* | Colombo, Sri Lanka
- Engineered document extraction workflows using **Azure AI Document Intelligence**, improving data extraction accuracy by **25%.**
- Built **Power BI** dashboards for client stakeholders, visualizing business insights across scanned financial reports.
- Used **Python** scripting to preprocess unstructured data and fine-tune extraction models.
- Participated in daily Scrum meetings and code reviews, consistently delivering sprint objectives.

Machine Learning Intern | Axiata Digital Labs | *June 2023 - July 2023* | Colombo, Sri Lanka
- Developed AI tools using **OpenAI GPT APIs** for internal automation and smart support bots.
- Optimised SQL queries and database operations in PostgreSQL.
- Created POC projects around NLP and intent classification, increasing response accuracy by **30%.**
- Worked closely with senior engineers to ensure code followed best practices and met performance standards.

EDUCATION

Bachelor of Engineering Honours (**Software Engineering**) | University Of Sydney | 78 WAM/GPA
- **Modules:** Information Technology, CyberSecurity, AI, Agile Methodologies, Software Engineering, Cloud Computing, Project Management, Web Development.
- Vice President Internal at Enactus University of Sydney.
- Honored with the Sydney Scholars India Scholarship in recognition of academic distinction and potential.

PROJECTS / EXTRACURRICULAR ACTIVITIES

- Published research **"Parental Consent Mobile Wallet for Students"** in the National Journal. [Link]
- **Coaching** - Mentored 11 young cricketers at SPC Strathfield and delivered beginner coding workshops at Code Camp, fostering teamwork, leadership, and tech literacy.
- **Vice President** - Directed operations across 5+ social impact projects at Enactus USYD, leading recruitment of 30+ members and mentoring project leads in agile and pitch strategies—boosting delivery timelines by 20% and aligning initiatives with university and community goals.
- **FenceApp** – **RenoPilot Pvt. Ltd.** - Developed and deployed a cloud-based FenceApp on AWS (EC2 & S3) using R and Shiny for dynamic fence design, panel customization, and cost estimation. [Link]

SKILLS & CERTIFICATES

- **Languages:** Python, Java, C, C++, R, SQL, HTML, CSS.
- **Certifications:** Codecademy Python, Bootstrap, and HTML/CSS certified.
- **Skills:** Django, FastAPI, PostgreSQL, AWS, Docker, CI/CD, Git, Agile Methods, Bolt, n8n, Firebase, Microsoft Office.
- **Interpersonal Skills:** Team Building, Communication, Curious, Resilient, Fast Learner, Public Speaking

References Available on Request