

Ovindu Randunu

Biomedical and Computer Scientist

PROJECTS

AUSee: A django-based anonymous course review site for university students - www.ausee.courses

- Led the development of a Django-based web application, now actively used by university students for anonymous course reviews and course selection guidance.
- Ensured robust and scalable data handling using PostgreSQL, catering to the dynamic needs of a growing student user base.
- Collaborated closely with a design team to translate responsive UI designs into HTML and CSS, enhancing user experience.
- Deployed and managed the application on a Linux remote machine via PythonAnywhere, ensuring high availability and performance.
- Implemented a voluntary donation payroll to foster project sustainability and support ongoing development efforts.
- Continuously enhancing the platform by developing new features and improvements.

Roaming SIM Plan Comparison Dashboard - [Link to Github Repo](#)

- Developed a Node.js-based web scraper to autonomously gather data from three major websites offering roaming SIM plans.
- Designed and implemented a dynamic dashboard to display and compare SIM plans by country, enhancing user decision-making.
- Employed web scraping with axios to ensure accurate and up-to-date information extraction from diverse web sources.
- Implemented a user-friendly interface for the dashboard, facilitating easy access to plan comparisons and detailed information.
- Ensured efficient data processing and visualization, allowing users to effortlessly navigate through a large dataset.

EDUCATION

Bachelor's in Liberal Arts and Sciences (Biomedical and Computer Sciences), Amsterdam University College (UvA|VU), Amsterdam

2021 - 2024 (Expected Graduation)

- ASF Scholarship
- Track: Biomedical and Computer Sciences.
- Molecular Cell Biology, Pharmacology, Cancer Biology, Metabolic Biochemistry, Epigenetic Regulations
- Data Structures and Algorithms, Machine Learning, Advanced Programming

International Advanced Level - Edexcel (4A*s), Elizabeth Moir School, Colombo

2018 - 2020

- 4 A*s for Biology, Chemistry, Physics, and Mathematics.
- Full Scholarship
- Debate, Model UN, and Robotics

Amsterdam, Netherlands

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[Github](#) | [LinkedIn](#)

SKILLS

JavaScript, Python, C#, Node.js, Django, Git, HTML & CSS, Linux, SQL

AWARDS

Debate

- National Team: Sri Lanka
- Individual rankings at international tournaments

Model UN

- 6 "Best Delegate" awards at all-island conferences
- Executive Committee (EXCO) positions (i.e. President, 1st General Assembly, SLMUN 2019)

WORK EXPERIENCE

Full Stack Developer at Upwork (Freelance), Amsterdam

- Development of custom websites, ensuring high functionality and user-centric design to meet specific client requirements.
- Performing advanced web scraping to collect and process data, providing clients with actionable insights from various online sources.
- Incorporation of fundamental DevOps principles such as a MVP centric strategy.

Engineering Intern at Access Engineering, Colombo

- Analysis of multiple construction sites across Sri Lanka in various geographies
- Grasping of associated civil engineering principles and practices
- Assumed a management intern role in the corporate division associated with marketing, operations, and human resource management.