Hridhya Shibu

A: Box Hill South, 3128, Melbourne | **M:** +61 476 117 192| **E:** hridhyatshibuh4@gmail.com
LinkedIn: https://www.linkedin.com/in/hridhyatshibuh4 | **Portfolio:** https://hridhyatshibu4.github.io/Portfolio

Career Profile

Aspiring Analyst Programmer with expertise in statistical analysis, data manipulation, and visualisation techniques, powered by a strong proficiency in Python and Statistics. A proud ambassador for women in STEM, with a passion for driving business strategy and growth in diverse landscapes. Proven success in delivering technology-driven solutions and offering strategic consulting based on customer feedback across medical and construction industries. Adept at using analytical tools to solve complex challenges and develop product innovations, while fostering a team spirit that transforms feedback into practical improvements. Eager to contribute to environments that nurture personal and professional growth and fuel organisational progress, with an open mindset for building, testing, changing, and iterating.

Skills

Technical & Analytical
• Data Analysis, Machine Learning, Python, SQL, C#, Node, React
• REST API Development (FastAPI, Docker), MongoDB, Git/GitHub
• Process Assessment & Telehealth Troubleshooting

Business, Strategy & Collaboration
• Market Analysis, Strategic Consulting, Product Development
• Recruitment & Customer Engagement
• Cross-Functional Teamwork, Stakeholder Engagement, Mentoring

Education

Bachelor of Computer Science | Deakin University, Burwood | July 2022- July 2025

Major: Data Science (WAM: 81.67)

Achievements

- **Awarded 25% Merit Scholarship:** Recognised for academic excellence and potential in data science and technology.
- **Best Pitch Award: Databytes, Innofes 2024:** Presented Project Echo's bioacoustics innovation for tracking endangered species, earning top recognition among 10 competing teams.
- **Grad Girls 2025 Member – Women 4 STEM:** Actively engaged in initiatives empowering women in STEM.

Work Experience

Telehealth Co-ordinator & Specialist Clinic Clerk | Acute Specialist Clinic | Eastern Health | Box Hill Hospital
February 2024 – Present | September 2023 – Present

- Pioneered Telehealth initiatives, including technical troubleshooting for healthcare professionals, streamlining processes to improve operational efficiency by 30%.
- Conceptualised and implemented data mining strategies for bulk SMS campaigns, boosting communication efficiency and reaching over 1,000 patients monthly, uplifting online engagement and customer service.
- Analysed telehealth reports to identify operational bottlenecks, leading to a 10% reduction in delays and improved patient service delivery, with a focus on platform optimisation.
- Managed administrative tasks across both back-of-house (data entry, referral organisation, record maintenance) and front-of-house (patient reception, scheduling, and appointment coordination), ensuring seamless clinic operations and exceptional patient care.

Internship Experience

Project IT Intern | IREC (Irrigation Research and Extension Committee) | February 2024- May 2024

- Built a digital safety-sign app, cutting stakeholder onboarding time by 40%.
- Created a 3.5 min farm induction video with QR-guided tours, boosting engagement.
- Automated compliance reports using Python and Excel, improving monitoring accuracy.

Technical Project

Team Leader | API Team | Project Echo | Databytes | July 2024 – October 2024

- Led the development of RESTful APIs for bioacoustic analysis, enhancing system efficiency for classifying endangered species and connecting with international partners.
- Implemented security enhancements (input validation, user authentication, data encryption), dropping vulnerabilities by 30% and ensuring robust platform security.
- Optimised deployment processes using environment variables, reducing configuration errors by 15% and decreasing API response times by 20%, while mentoring team members in Agile workflows.

Front-End Lead & Chatbot Developer | Front-End Team | Project MOP | Chameleon | March 2025 – June 2025

- Engineered a React / TypeScript chatbot that parses free-text commands, matches intents via regex and either navigates pages or performs data queries.
- Built a Node.js live search API indexing 140 + use-case JSON manifests, returning typo-tolerant keyword matches in under 150 ms with a five-minute cache.
- Redesigned core pages with responsive layouts and light/dark-mode support.
- Led sprints, resolved merge conflicts, demoed to stakeholders, and managed client feedback.

Other work experience

Medical Receptionist | North Blackburn Square Clinic| August 2022- September 2023
- Analysed clinic operations with Best-Practice software, managing 4 GPs and 500+ patients weekly.
- Enhanced patient care through time management and task prioritisation, guaranteeing smooth daily operations and maintaining high operational efficiency.

Career Ambassador & Trainer | Deakin Talent, Deakin University | February 2024 – November 2024 (Career Ambassador) February 2025 – July 2025 (Career Ambassador Trainer)
- Initiated career service promotion strategies, increasing student event participation by 20% and achieving a 95% NPS, while delivering targeted recruitment advice and application support.
- Coached over 50 students on job search strategies, networking, and professional development, helping 30% secure internships or job placements through structured online assessments and interview preparation.
- Trained new Career Ambassadors for the 2025 cohort, improving onboarding efficiency and role preparedness, and providing continuous management consulting insights to foster community growth.

SEBE Peer Mentor | Faculty of Science and Built Environment, Deakin University | February 2024 – June 2024
- Guided students in academic and personal growth, enhancing success rates for over 20 mentees through targeted support, resources, strategic advice and community engagement.

Certifications and Training

Microsoft - Fundamental AI Concepts | Current
GHD - Advisory Job Simulation through Forage | Current
Edureka - Data Science and Machine Learning Internship Program | Current

References

Available upon request.