

Gautam Iyer

Project Management

Address Sydney, Australia, 2016

LinkedIn www.linkedin.com/in/gautam-gt

Phone 0414 433 910

E-mail gautamiyer18@gmail.com

Detail-oriented Project Management Engineer possessing first-rate organizational and budget management skills. Prepares and files documents and collects and collates data to track performance and efficiency. Punctual and diligent individual with knowledge of Microsoft Project Planner and Trello board.

Skills

Advanced problem solving
Project planning and development
Scope development
Systems Design Documentation
Leadership
Stakeholder communication

Work History

2020-11 - 2021-02

Engineering Intern

Optik Engineering Consultancy, UTS, Sydney, NSW

- Tracked project performance to analyze successful completion of short- and long-term goals.
- Identified project scopes, constraints, risks and deadlines.
- Worked with senior project managers to assist with day-to-day functions.
- Used Microsoft Project Planner and Trello to create and maintain comprehensive project documentation.
- Obtained needed resources by strategically negotiating with stakeholders and outside suppliers.
- Verified quality of deliverables and conformance to specifications before submitting to clients.
- Tracked project and team member performance closely to quickly intervene in mistakes or delays.
- Scheduled and facilitated meetings between project stakeholders to discuss deliverables, schedules and conflicts.

2017-08 - 2019-03

Product Development Engineer

Aurolab, Tamil Nadu, India

- Reined in project costs while meeting key milestones.
- Fostered relationships with vendors to promote positive working relationships.
- Developed and initiated projects, managed costs, and monitored performance.
- Drove team success through shared vision and recognition of quality performance.
- Modified and directed project plans to meet organizational needs.
- Headed project teams specializing in design and launch activities.
- Orchestrated projects within strict timeframes and budget constraints by solving complex problems and working closely with senior leaders.
- Adhered to budget requirements with excellent planning and consistent expense monitoring.

Education

2019-07 - 2021-06

Master of Professional Engineering: Biomedical Engineering

University of Technology Sydney - Sydney, NSW

- Developed a detailed project management plan for the construction of an engineering project. Plan included activities, network diagram, resource plan, Microsoft Project generated project program, and detailed financial estimates. Electronic Presentation of project progress in week 12.
- Developed a strategic plan to reduce pressure on existing landfills and waste production. Proposed of introducing a tracking system in a form of Loyalty program that can motivate students and staff to practice sustainability. The product designed was a mobile application system to keep a track of sustainability points which can be used to redeem incentives.
- Analysed the inputs and outputs of the Circular Beer Brewery using System Thinking approach. Decomposed the internal processes and sub-systems to evaluate their technical interdependencies through system analysis techniques. The design highlighted configurable system parameters that are adjustable to meet the scaling, availability and safety requirements of a microbrewery configuration.
- Design development of a surgical instrument that can facilitate the delivery of 3D bioprinted cardiac patch. An overview of a control system was developed to manipulate the surgical instrument to deliver the cardiac patch into the target site on the heart. The simulation results demonstrated the potential functioning of the surgical instrument that can facilitate the delivery of cardiac patch.

2013-08 - 2017-12

Bachelor of Technology: Biomedical Engineering

Manipal Institute of Technology - India

ACHIEVEMENTS:

- Participant - 3rd National Biomedical conference & workshop on calibration and

testing of various medical equipments.

- Participant - Workshop on 4D biomedical ultrasound organized by NIELT Govt. of India & IEEE
- Participant - 10th Bry-Air Award, HVAC&R
- Participant - Solar Challenge project competition by Mahindra & Mahindra
- Team leader - Project Smart Cane
- Team leader - Project Urja Rachna

INTERNSHIP EXPERIENCE:

Product Designer Intern - Aurolab:

- Developed technical and practical approach of manufacturing ophthalmic surgical tools & equipments.
- Acquired the working principles of machinery required for manufacturing ophthalmic devices.
- Assimilated the parameters & factors to be considered before designing a new product.

Internship Trainee - Telematic Biomedical Services:

- Adept calibration of equipments and devices to be calibrated in the hospital.
- Practiced active maintenance of medical devices and equipments.

Maintenance Trainee - Shradha Hospital:

- Demonstrated skills to maintain the operation theatre and ICU equipments.

Affiliations

- Engineers Australia

Software

Microsoft Project Planner

SolidWorks

Blender

Trello

Certifications

2021-07	Marketing Foundations
2021-09	Product Management: Building a Product Strategy
2020-04	Being an Effective Team member
2020-04	Collaborative Design: Managing a Team
2019-07	Project Management Foundations

Referees

Available on request