

SIRIGIRI RAGHURAM

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EDUCATION

Program	Institution	CGPA	Year
Dual Degree - Civil Engineering Minor - Operations Research	Indian Institute of Technology Madras	8.06/10	2019

ACADEMIC ACHIEVEMENTS

• Awarded Investment Analyst Pro certification by National Stock Exchange Academy	2017
• Achieved NCMP Level 2 certification in NSE Academy's Certification in Financial Markets	2017
• Awarded by DGP , Tamil Nadu Police for analysing road accident blind spots and suggesting improvements	2017
• Achieved a rank 255 in the International Mathematical Olympiad by Science Olympiad Foundation	2014

PROFESSIONAL EXPERIENCE

Senior Product Manager, Kotak Mahindra Bank	2019 - Present
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- **Led** the development of **Recommendation System** in Net Banking by coordinating with 9 stakeholders from Design, IT, and Analytics teams
- **Led** the implementation of **Adobe Analytics** and created dashboards to track KPIs and other important metrics
- **Improved** banner content and positions, **boosted** the CTR on cross-sell to **10x** and revenue **by 28,000 USD** per month
- **Collected and Analysed** data from farmers to develop new mobile app for them
- **Developed** a prototype to transmit messages through sound on android to reduce fraudulent activity
- **Developed** a prototype that allows users to log in to Website using inbuilt biometrics and security
- **Developed** a TOTP/HOTP based authentication prototype to reduce dependency on network service providers

ITS Planners & Engineers	2017
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- Worked on developing a prototype for controlling traffic signals from the control room
- **Developed** a web-based software to control traffic signals using HTML and JavaScript
- **Created** a MySQL database and **developed** API to support the frontend of the software
- **Created** a pipeline to transfer data from design software to control website

PROJECTS

Economies of Scale in Power Generation Projects in India Degree Thesis Project Guide: Prof. Thillai Rajan	2018-19
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- **Created** a common database by collecting data related to 700+ Power Sector Projects in India
- **Analyzed** the financial data to find the factors influencing the final cost per MW for Power Projects using R

Real-Time Traffic Information System Guide: Prof. Gitakrishnan Ramadurai	2016
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- **Developed** a website for **MTC(Chennai)** to track the location of more than 60 buses every second
- **Resolved** an issue with the Data collection, which is the base for the project
- **Outcome** of the project is to **provide public with live traffic updates**

TECHNICAL SKILLS AND RECENT CERTIFICATIONS

Python	R	MySQL(HackerRank)	PHP
Adobe Experience Manager	C	HTML	JS

POSITIONS OF RESPONSIBILITY

Head of Web Operations	2015-17
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- **Led** a team of **9 members** to develop website for department fest
- **Developed** the **ERP Portal**, a **social networking platform** built using PHP that is being used by the fest organizers for effective communication and smooth organizing of the fest.
- **Developed** a fully functional **Online Quiz System** and **Online Finance Database** using PHP
- **Developed** a **platform for on spot registrations** which deducted the time taken for these registrations **from 4 hours to 1 hour**
- **Initiated** an Android App for the students that attend the CEA Fest

Institute Web Operations Club	2015-17
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- **Developed** a fully functional **Institute Maps website** with **live search feature** for the students
- **Worked** on the **Mess-Facilities-Portal** for the students to register complaints on mess facilities

EXTRACURRICULAR ACTIVITIES

- Member of Analytics Club, IIT Madras
- Served as a NCC cadet in 4(TN) Air Sqn (Tech) of IIT Madras