Shimona Prabhu M.

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My current role

As a Consulting Engineer, I am continually engaged with my customers to help optimize their networks. A core part of this is risk analysis and proactive health checks to ensure that the customer's networks don't run into unforeseen scenarios.

My customers comprise of a mixed bag - Akamai, AXA, Swift, Etisalat and DU. In that capacity, I am part of diverse teams located all over the world.

I am also involved in efforts to develop internal tools (TOP) using Angular and Django used by customers and engineers to track project delivery. My keen interest in Cybersecurity has fostered a sense of voracious reading and learning and I continue to explore this field.

Education

Bachelor of Technology, Computer Science, PES
CGPA - 8.5

Bethany High Junior College, ISC Science
Percentage - 94%, Rank - Second in college

Bethany High School, ICSE
Percentage - 95% , Rank - Second in school

Technical Repertoire

Languages - Java, Python, C, C++, Matlab

Hardware - Arduino, Raspberry Pi

Web technologies - Angular, HTML5, CSS3, PHP, Django, JavaScript, JQuery, AJAX, BootStrap

Database - MySQL, SQLite

Graphics - OpenGL

Versioning and other tools - Git, Bitbucket

Web Server- Apache, IIS

Operating Systems - Windows, Ubuntu

Experience

Network Consulting Engineer, Cisco
2019 - Present

Volunteer, GiftAbled and eVidyaloka
2019-Present

Project Intern, Accord Software and Systems
2019

Licensee and lead organizer, TEDxPESITBSC
2017-2018

Secretary, IEEE PESIT-BSC Student Chapter
2017-2019

Web Developer, Cooey Technologies
2017

Volunteer, Esha - People for the blind
2016

Content Writer, Spark Career Mentors
2015

Certifications

CCNP - Routing and Switching

CCNA - Routing and Switching

Technical publication

Shimona Prabhu M, Dr Annapurna D, Shamshirun Ibrahim, Kaja Venkata Sai Shravan, & Preethu Raj Roy. (2019). Remote Weather Assistant using LoRa Network, an Enhancement of IoT Design. Advancement of Computer Technology and Its Applications, 2(2), 1–9. http://doi.org/10.5281/zenodo.3490390

Honors and Achievements

You Inspire 3 Award - contribution towards internal tools (TOP) - Cisco

You Inspire 2 Award - consistent performance while taking on initiatives - Cisco

You Inspire 2 Award for volunteering with Tech 4 Sustainability, an event for driving change- Cisco

Winner of SANS CyberStart Challenge

Recipient of Amul Vidya Shree award

Best outgoing student, Bethany Junior College

Winner of DoSelect winter of code competition

Qualified to round 3 of Intech Olympiad

School captain, Bethany High School

Microsoft Code-blooded hackathon, Top 50

Qualified for city finals of IIHM Young chef

Co-Curricular Activities

ECN APJC Newsletter team, Cisco
2019-present

IEEE event coordinator, PES
2015-2019

Tech team, PES cultural fest
2016

Theater and Creative team, PES cultural fest
2015-2019

Projects

Remote Weather Assistant using LoRa Network - A LoRa network, which demonstrates the architecture of a basic LoRa deployment including nodes, gateways and the network server, is used to sense vital weather data for visualization.

E-Commerce Website - A full stack application to enable end users to browse the catalog and check out. HTML, CSS, JQuery, PHP, MySQL, Bootstrap has been used to develop the application.

Plagiarism Detector - Hashing contents of files to detect duplication and accordingly suggesting actions.

G star - A system to support communications within a dev team, combining the functionalities of both Stack Overflow and Github.

Algorithm Optimization - Enhancing the anti-aliasing algorithm for clean transition for the images produced by the GPS unit developed b y Accord.

Attendance Management Portal - A web application to help the college automate and centralize their daily attendance management activities.

Banking Software - Simulating a real time banking environment using Java.

Web Activity Tracker - To analyse time management of end users on browsers. Python has been used to log the usage time.

Twitter Sentiment Analysis - Using Python to model the tone of tweets on the social media platform.

Know More About Me

https://github.com/shimonaprabhu/

https://www.linkedin.com/in/shimonaprabhu-227b22106/