

Contact

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(LinkedIn)

Top Skills

Embedded Systems
RTOS
Debugging

Certifications

Project Management Professional
(PMP)®

Chezhyan Panneerselvam, PMP®

Director @ Vlinder.io
Bengaluru, Karnataka, India

Experience

vlinder.io
Director
August 2018 - Present (6 years 2 months)
Vlinder House, Bangalore

vlinder is a domain-agnostic platform that enables storing and tracking of digital assets through the entire value chain in blockchain

vlinder solution tracks vAuthenticity, vID, and vMediaTrak accelerates building of Provenance, sharing transactions with external world and providing analytical insights for businesses. All transactions to blockchain are enabled by users self sovereign identity.

And, it's all possible through mobile devices. Producers of data (or) assets and consumers can access blockchain using their iOS and Android devices

vlinder Platforms:

<https://vlinder.io/blogs/klefki/>

Klefki is a secure, frictionless platform that brings trust, inclusion and efficiency into the ecosystem of Public and Private enterprises by providing Blockchain based Decentralized ID and Credentials

<https://vlinder.io/blogs/trag/>

Trag enables an inclusive & sustainable ecosystem for great brands by narrating the stories of the origin, the journey, and the impact of their products while enabling Authentication and Traceability with the state of the art Blockchain-based platform.

Uvik Technologies
Vice President, Projects & Delivery
December 2020 - Present (3 years 10 months)
Bangalore Urban, Karnataka, India

Headquartered in Bengaluru, Uvik is an Indian technology company providing a diverse and innovative range of end-to-end payment solutions to businesses, financial institutions, and aggregators both locally and abroad.

As the made-in-India full-service payment solution supplier, delivering India's only locally designed and manufactured range of payment terminal hardware, Uvik delivers both mass market and custom solutions leveraging smart technology and integrating vertically with partners and aggregators to make payment solutions convenient, safe, affordable worldwide.

Uvik's portfolio of solutions includes mobile payment terminal, software, universal card reader, and online payment solutions, and transaction routing solutions as well as SDK, professional consulting, and white-labeling services.

Mindteck

Technical Program Manager

June 2012 - August 2018 (6 years 3 months)

Bengaluru Area, India

As a Program Manager, handling multiple embedded hardware, firmware, and system level projects for US, EMEA, APAC and India customers. Managed multiple projects in different mode (Fixed cost, Time and Material and Staff augmentation mode). Few consumer and industrial products designed and developed are:

- Smart Grid project for Utility involving Smart Meters, Data Concentrating Unit and Meter Data Management Software
- Smart Light with Sun Rise and Sun Set simulation, DAB+FM, MP3 with SD Card and USB Play
- RF retrofitted Radio Module for water meters including design and production setup for 1M+ volumes
- Modular Laptop with USB Type 'C' interfaces – Has various modules – Screen Module, Camera Module, Battery Module, Hub Module and Compute Module
- Complete product design for Industrial controller and GC products including hardware, firmware and mechanical design
- Hardware design for USB Protocol Analyzer – hardware design with COM Express module, Stratix 4 FPGA, and DDR3 SODIMM
- Modbus firmware projects for Gas Analyzers – Firmware development for multiple legacy Gas Analyzers.
- Continuous Emission Monitoring system with PC Application to store all analyzer data
- POS device based on TI Sitara – AM3354 processor

Key Achievements

- Handling multiple Clients, Projects, Teams and Vendors – Project Managers, Leads, Hardware engineers, Firmware Engineers, Mechanical engineers, Layout engineers and Technicians
- Collaborate with management team and successfully achieve and maintain various management objectives – GM > 40%, SV < 8%, CMMI Certification, CSAT > 8
- Able to successfully Deliver keeping Scope, Time and Cost under control
- Effective Team Management – Able to maintain attrition less than 5% during my execution by effectively applying PMP skills
- Effective Vendor Management – Right from evaluation, engagement and control – Lead to successful delivery

Tata Elxsi

Project Manager

September 2005 - August 2011 (6 years)

Bangalore

As a project Manager and Senior Specialist, handled multiple embedded hardware, firmware, and system level projects for Consumer electronics, Proof of Concept for IP Set top Box, Test Automation and High Speed test suite development. Key projects during this time handled by me are;

- Active dial watch based on STM32L152 – POC design with team size of 2 engineers
- DVBS Set top box Test Jig with NI LabVIEW and TestStand – High Speed test automation suite development with team size of 3 engineers
- Design Qualification suite for Set top box with NI LabVIEW – RF front end test automation for the DVB-S2 set top box
- Production Test Software for DVBS set top box – Architected the Production test suite with NO-OS firmware provided by Broadcom for the BCM7335 High Definition PVR Satellite SoC
- IP Set top box based on Davinci DM6446 processor - Tata Elxsi IP set-top box (IPSTB) is a dedicated computing device that serves as an interface between a television set and a broadband network
- IP Set top box based on MPC5200 with DM642 - The design is based on dual processor architecture Host MPC5200 and DSP DM642

Key Achievements

- Twice achieved “Extra mile award ”
 - o Timely IP Set top box hardware development

- o Completing the DVB S2 Satellite set top box factory integration in co-ordination with hardware designers, Broadcom FAEs, Conditional Access provider, Software development team and production team
- Designed and developed high speed test automation suite for DVB-S2 set top box manufacturing plan (production capacity 1 million units / year) with low re-try rate of 0.5%

Gas Turbine Research Establishment (DRDO)

Scientist

1998 - 2005 (7 years)

Bangaon Area, India

- Design, Development and testing of controller modules – LVDT, Pressure and Resolver
- Engine Controller Integration testing
- EMI/EMC Testing
- Video Streaming gateway for Wi-Fi networks
- Camera Trap
- Single board computer (SBC) and VPX backplane
- Electronic Interlocking System architecture design

Education

Indian Institute of Science (IISc)

M.Tech, Centre for Electronics Design and Technology · (2003 - 2005)

Thanthai Periyar Government Institute of Technology

Bachelor of Engineering - BE, Electronics and Communication

Engineering · (1993 - 1997)

Rajagopal Polytechnic College

Diploma, Electrical and Electronics Engineering · (1990 - 1993)

Hindu Higher Secondary School, Ambur

SSLC, Higher secondary school · (1985 - 1990)