

SHAHANA BARVIN M

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MOB: +971554602365 (UAE)



Electrical Engineer

CURRICULAM VITAE

OBJECTIVE

Seeking for a challenging environment, with a purpose of growth, Increase knowledge and creativity, career opportunity to utilize my engineering knowledge and skills with willingness to work hard and to achieve organizational goals.

PROFESSIONAL EXPERIENCE

ELCA SYSTEMS AND ZOOMLUX LIGHTING

2020 January to Present

ELCA is providing turn-key Engineering solutions for any kind of Electrical, Electro-Mechanical and Electronical challenges from eLV, LV, MV and up to HV (400kV). They provide complete substation automation solutions, Building Automation Solutions, GRMS solutions to a signature hotel projects, Lighting Control Solutions based on DALI, from design, Engineering to build, Commissioning and testing for their clients, based on IEC as well as ANSI standards. Their proven track record includes panels for Local control cubicles (LCC), Protection and Control Panels (P & C), Distribution Board (DB), Remote Terminal Units (RTU), PT Junction Boxes (PTJB), Fault Recorders and DC Systems. Purpose of ZOOMLUX is to provide lighting Solutions to local construction sector by producing a complete range of luminaries for Residential, Commercial and Industrial applications and follows relevant quality standards and certifications such as CE, ISO 9001:2008 & ISO 14001:2008.

SIE BUSINESS SOLUTIONS PVT LTD

2017 August to 2018 September

SIE Business Solutions is a software development company, executed significant Quality Controlling, web / desktop / mobile software development projects for clients. During the period I have served as a Quality Control Engineer for Proof Reading that was the final test of reading the electronic copy of publications to detect and correct production errors in text or art and verifying the product is fit for use before submitting to the end users.

EDUCATIONAL QUALIFICATION

Year Of Passing	Discipline	University/Board	College/School	Grade
2017	M.TECH- Signal Processing	A P J Abdul Kalam Technological University	LBS Institute of Technology For Women	8.91
2015	B TECH- Electronics and Communication Engineering	Kerala University	P A Aziz College of Engineering and Technology	7.5

JOB RESPONSIBILITIES

- Discussing existing or potential Engineering projects and products with Engineers and Customers.
- Using Computer –assisted Engineering and Design Software Equipment to perform various Engineering task.
- Ensuring that installation and operations confirm to standards and customer requirements by preparing Electrical systems specifications and Technical Drawings.
- Performed detailed calculations to compute and establish Designing, Implementing and Installation standards and specifications.

- Inspecting completed installations and observing operations to ensure conformance to design and equipment specifications.
- Preparing specifications for purchase of materials and equipment.
- Prepare BOQ as per the requirement enquiry.
- Filling specification sheet and arrange technical submittals.
- Design and configure of BOQ based on the customer Requirements and Drawings.
- Contributes to team effort by accomplishing related results as needed.
- Develop Electrical Design, Schematics and Drawings in AutoCAD according to the given specifications.
- Calculate dimensions with accurate precision.
- Compile Data and Specification sheet.
- Revise drawings and layouts to accommodate changes and enhancements.
- Interpret Mechanical design drawings for Electrical requirements.
- Help to establish new and maintain existing standards.
- Develop electrical bill of materials and research supplier products for assembly components
- Power up Electrical systems and configure Hardware per application specifications.
- Support Sales Organization with input for the quote preparation as required.

THESIS/SEMINAR/PAPER PRESENTATIONS

M TECH THESIS: “Fetal ECG Extraction and Arrhythmia Detection using a combination of PCA ICA and WASOBI”

M TECH SEMINAR: (A) “Fetal ECG Extraction Methods”

: (B) “Preprocessing and Feature Selection for Improved Sensor Interoperability in Online Biometric Signature Verification”

B TECH THESIS: “Land Slide Monitoring”

B TECH SEMINAR: “Automobile with Visions: What we can look forward to”

ACHIEVEMENTS & CERTIFICATIONS

- Certification for the Workshop on “Professional Development & Communication Skill” Conducted by INDIAN INSTITUTE OF TECHNOLOGY (IIT) GANDHINAGAR.
- Certification for the Inplant Training at the studios, FM, MW and SW Transmitters conducted by the PRASAR BHARATI (INDIA’S PUBLIC SERVICE BROADCASTER) ALL INDIA RADIO.
- Certification for the Workshop on FPGA implementation conducted by LBS Institute Of Technology For Women.
- Certification for the paper presentation entitled “A Review on Various Fetal ECG Extraction Methods”, National Conference on Recent Trends in Engineering and Technology (NaCTET), February 2017 .held at Trinity College of Engineering, Trivandrum.
- Published and Certification for the paper presentation entitled “An Effective Performance Evaluation of Different Abdominal ECG Signal Separation Techniques”, National conference on Technology innovation in Mechatronics, Energy Management and Intelligent communication(NCTIMEMIC-2017) International Journal of Advanced Scientific Technologies in Engineering and Management Sciences (IJASTEMS-ISSN: 2454-356X) Volume.3,Special Issue.1, April.2017.

SOFTWARE EXPOSURE

- MS OFFICE Tools: Word, Excel, Power point
- AutoCAD
- Basics in MATLAB, C++, C, HTML
- OS: Windows, Linux, Ubuntu

AREA OF INTEREST

- Core of Electronics Field
- Core of Electrical Field
- Designing Electrical Works
- Estimation & pricing

HOBBIES

- Cooking, Travelling.

PERSONAL DETAILS

Name : SHAHANA BARVIN M
Father's Name : MOHAMMED SADIK M
Date of Birth : 20-09-1993
Sex : Female
Marital Status : Married
Passport Number : S4175501
Languages known : English, Hindi, Tamil and Malayalam
Permanent Address : Sulthaj Manzil, Muslim Street,
Kottarakara, Kollam (Dist.),
Kerala, India
Pin-691506
Temporary Address : Rizwan Tower, Al Nahda, Sharjah, UAE

PERSONAL TRAITS

- As I believe **HARDWORK** is the key to **SUCCESS** and **CHARACTER** to **PERSONALITY**, I always keep myself proactive, industrious and good natured.

DECLARATION

“I HEREBY DECLARE THAT THE INFORMATION FURNISHED ABOVE IS TRUE TO THE BEST OF MY KNOWLEDGE”

YOURS FAITHFULLY,
SHAHANA BARVIN M