

KUNAL MAZUMDAR

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Contact

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OBJECTIVE

Seeking a position to utilize my passion, skills, ability and efficiency in industry that offers professional growth while being resourceful, innovative and flexible. To use my ability to work well in a team environment, good learner and listener and must be self-motivated for my bright carrier.

POSITIONS

TRAINEE

Think 'n' Apply Soft Creation Raipur, Chhattisgarh
9/2012 - 1/2014

PROJECTS

Master Terminal Unit for IEC 60870-5-104 RTU with Data Encryption

CDAC

CDAC Final Project

6/2014 - 7/2014

Roles and Responsibility:

Developing design & prototype.

Server side C programming.

Implementating Data Encryption.

Technical Environment: C, J2SE, Java Swing, Java Native Interface(JNI), IPC:Socket, IPC:Shared Memory, HMAC-SHA1, AES Encryption, Linux

Project Description: The program is to fetch, monitor & control the state and value of physical devices connected to a telemetry device Remote Terminal Unit (RTU). User can monitor field device status and can control them in an Industrial Control System.

The project contained :

A Simulator software for RTU as per standards.

An MTU software for access and control as per standards.

Socket Programming in both C and Java.

Shared Memory for dumping monitoring values for common use between both processes.

JNI to access values dumped by native programs.

Java Swing for UI development for Monitoring.

Data encryption as per IEC 62351 standards using SHA1 and AES Algorithms.

vaibhavelectronics.com

Think 'n' Apply Soft Creation

Vaibhav Electronics

Trainee

Roles and Responsibility:

Participation in design.

Developing prototype.

Client side design and development.

Database design

Technical Environment: JavaScript, JQuery, PHP, oracle, HTML, CSS, Rest Webservices

Project Description: vaibhavelectronics.com is online portfolio for vaibhav electronics, this web site gives a big description about the company and products they sell as well as a consumer can get the following information over here.

About Vaibhav electronics - information like when it started who are behind it and what work they do.

Products - vaibhav electronics have a lot range of electrical and control products which they have been optimized for energy and safety.

Services - Vaibhav electronics support a lot range of devices all are mentioned in their services page.

Contact - Here a user can find the contact information of or he can send his query and information directly to user.

EDUCATION

PG Diploma in Automation & SCADA Systems, .

C-DAC (Centre for Development & Advanced Computing) Bengaluru KA, .
2/2014 - 7/2014

Bachelor of Engineering, Electrical & Electronics

CSVТУ, Bhilai, Chhattisgarh, DIMAT, Raipur, Chhattisgarh
6/2008 - 7/2012
Completed in First Division with **7.71 CPI**.

Higher Secondary (10+2), Science (Mathematics)

CGBSE, Raipur, Chhattisgarh, SSM, Manendragarh, Chhattisgarh
7/2004 - 6/2006
Completed in First Division with **76%** marks.

High School, -

CGBSE, Raipur, Chhattisgarh, SSM, Manendragarh, Chhattisgarh
7/2002 - 6/2004
Completed in First Division with **89%** marks.

SKILLS

Development Languages

C, J2SE, J2EE

Web Development

HTML, CSS, Java Script, jQuery

Databases

Oracle

Network Programming

TCP/IP, UDP, IEC 60870-5-101/104, IEC 62351

Operating Systems

Mac OSX, Linux, Windows

Industrial Automation (Proprietary)

RS-Logix, RS-View, Factory Talk, Intouch, WinCC

Other

MS-Office, AutoCAD 2D

ACHIEVEMENTS

Best Paper : IEEE Conference

Recognized for the Best Paper & received “Certificate of Merit” in IEEE National Conference on Recent trends in Electrical & Electronics Engg held in GITAM University, Vizag (AP) on 25 Feb 2012 for the paper “Improving Solar Cell Efficiency using Quantum Dot Nano-crystals” .

PERSONAL

Gender	Male
Date of Birth	20/9/1988
Marital Status	Single
Nationality	Indian
Languages	English, Hindi, Bengali
Hobbies	Singing.