

Vaibhav Dani

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A **passionate** engineer in Electronics and communication and desiring a relevant position in a leading organization which will allow me to learn, explore and enhance my knowledge and technical Skills in **Software Development**.

Career Synopsis

- CARRARO Ind. Pvt. Ltd. as Sr. Engineer since **2.5 Years** as Sr. Engineer
- Completed **0.6 Years** Internship program at Fosterbin Technologies Pvt. Ltd. as Software developer Intern (Corona_Home_Quarantine_Period).
- Worked in Automation and Control Systems since **0.9 Years** as Engineer
- Worked in Can Pack Glass Pvt. Ltd. For **1.1 Years** as GET
- Bachelors in Electronics and Communication (B.A.M.U.)
- Completed training from IGTR (Indo-German Tool Room) in Mechatronics

Full stack development		
Front-end development:	MERN Stack:	IOT
HTML5, CSS, Bootstrap, jQuery, JavaScript	MongoDB, Express.js, React.js(1.5 Years) Node.js (3 Years)	Python (DataScience)

Professional Experience

CARRARO Ind. Pvt. Ltd; Pune as a Sr. Engineer - July'18 to Dec'2020

Company Profile:

CARRARO is a brand in manufacturing the smallest gear up to the complete tractor. Company manufactures transmission systems for tractors and off-highway vehicles, they are the key partners for the major manufacturers of agricultural and construction equipment. Carraro is an Italian based MNC.

Key Deliverables:

- Programming : Design & develop PLC web applications using MERN stack. PLC & Robots programming.

Fosterbin Technologies Pvt. Ltd; Aurangabad as Software Developer (Intern) – Feb'2020 to July'2020 (Corona_Vacation)

Company Profile:

Fosterbin is a software development company which provides services in Mobile application development, Web application, E-commerce solutions, IOT etc.

Key Deliverables:

- Front end development : Planning , designing and develop website modules
- Back end development : Server side programming and deployment.

Automation and Control Systems Pvt. Ltd; Pune as Design Engineer Sept'17 to May 2018

Company Profile:

Automation and Control Systems is a Complete Automation Solution Providing Company having 25 years of experience.

Key Deliverables:

- Web applications : Design & develop web Applications using MERN stack
- PLC Programming : Siemens, Allen Bradley, Codesys, Mitsubishi, Delta, Honeywell, Renu, LabVIEW
- IOT : IOT applications using python.

Can Pack Glass Pvt. Ltd; Aurangabad as an GET – May'16 to Jun'17

Company Profile:

Can Pack Glass Pvt. Ltd; a subsidiary of then Pol-Am-Pack Group, a leading manufacturer in the beverage packaging industry in Central and Eastern Europe. Currently Can Pack SA is the main entity of Can Pack group and constitutes the Center of the Group's management.

Key Deliverables:

- Programming : PLC programming and Web application. IOT with Python
- Electrical Maintenance : Coordinator for the third party maintenance, General Electrical and Instrumentation maintenance.

Main Projects

- 1. Company Name** : Carraro Ind. Pvt. Ltd.
Project : Washing Machine Integration
Duration : July'2018 – Dec'18
Description : Washing machines use to wash the various metal components. Water sprinkler, air dryer and air washing are mainly three stages. Inputs are various metal detector, temperature indicators and temperature controllers. PLC used is Siemens 1200.
Responsibility : Develop components as per the design using React.js. PLC integration with the backend using Node.js. Requirement analysis and development of modules as per the requirements. Worked with the modules like mongoose using Node.js to interact with MongoDB. Worked with JWT (jeasonwebtokens) for authentication and authorization. Code deployment on Heroku server.
Technology : VS code, Node.js, React.js, Redux, mongoose, Postman, MongoDB,
- 2. Company Name** : Carraro Ind. Pvt. Ltd.
Project : RAL Trumpet Conveyor
Duration : Jan'19 – July'19
Description : There are total 4 stages Loading, Press machine 1, Press machine 2, and DC Gun for tightening bolts. Inputs are various metal sensors, part presence sensors, light sensors, Pressures transducers. PLC used is Mitsubishi 3x.
Responsibility : This is dynamic application. Requirement analysis and development of modules as per the requirement. Front end created using React.js. Used vNode Rest API server module for retrieving PLC tags. Worked with the modules like mongoose using Node.js to interact with MongoDB. Worked with JWT (jeasonwebtokens) for authentication and authorization. Code deployment on Heroku & firebase.
Technology : vNode Rest API server, Node.js, React.js, VS code, MongoDB, postman
- 3. Company Name** : Can Pack Glass Pvt. Ltd.
Project : Washing IS Machine to LEHR Temperature control system.
Duration : May'16 – Jan'17
Description : IS machines provides mold for the molten glass. This temperature is too high. LEHR is used to degrade temperature from 1400°C to room temperature.
Responsibility : Implemented interaction between frontend and backend using JSON object. Responsible for working closely with the internal product management team for the requirement analysis, estimations of the modules, timeline and process flow of the applications. Worked with the modules like mongoose using Node.js to interact with MongoDB. Worked with JWT (jeasonwebtokens) for authentication and authorization.
Technology : VS code, Postman, Node.js, MongoDB

Certification

1. Master Certificate Course in Mechatronics (MCCM) – Feb'15 to Jul'15

Institute Profile:

Indo German Tool Room is a Government of India Society, Ministry of MSME (Micro-Small-Medium-Enterprises) Certified Tool Room & Training Centre

Brief:

- Certified with Master Certificate Course in Mechatronics with **83.67%**

Key Deliverables:

- PLC Programming : Siemens - S300, AB - RS Logix Emulator 500
- SCADA : WinCC
- Hydraulics & Pneumatics : FluidSim
- CNC Machining : Lathe & Milling Machines (HASS & FANUC)
- Embedded Systems : Arm architecture NXP 2148 Microcontroller
- VLSI : DSCH 3.5, XILING
- AUTOCAD : Electrical AutoCad
- CIROS PROGRAMMING : RU-2SD/SDB/SQ (Mitsubishi Robot)

Project:

- Performed a project on Mechatronics Project kit using PLC, Mitsubishi Robot, Pneumatic valves, and Proximity sensors.

2. German Language – Jan'15 to Oct'15

Institute Profile:

Engell Institute, Aurangabad is teaching foreign languages for more than a decade.

Brief:

- German language Level 1 with **83.3%**
- German language level 2 with **68%**

Educational Qualification

Year	Degree	Institute	University / Board	%
2016	BE(EC)	Deogiri Engineering College, Aurangabad	Dr. B.A.U. University	59.73%
2008	HSC	Vivekanand College, Aurangabad	Maharashtra Board	59%
2005	SSC	S. B. E. S. School, Aurangabad	Maharashtra Board	60.8%

Personal Information

Date of Birth : 13th Oct 1990

Gender : Male

Marital status : Unmarried

Residential Address : C/o Shailesh Deoulgaonkar, flat No. D107, Neo City, Bakori Fata Road, near BJS college , Wagholi, Pune.

Permanent Address : 'DaniNiwas', Plot No. 15, Survey No. 68, Jai Bhawani Nagar, CIDCO N-4, Aurangabad. PIN Code- 431003.