Patel Y

Java Developer, 7+ years experience
vadodara, India
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Experienced Software Engineer with over 5 years of proven expertise in designing, developing, and maintaining scalable applications. Proficient in a variety of programming languages, including Java, C, C++, C#.NET, and React, with specialized skills in frameworks such as Spring Boot.

INDUSTRIES: Textile, Mechnical, Insurance

TECHNICAL SKILLS

• Java	7 years
• Core Java	7 years
• C++	7 years
• C	6 years & 6 months
• React	5 years

PROJECT DETAILS

• Software for Textile Machine

Project Description: This software is used to weave the clothes with any design and different kind of weavings. User can design using drawing editor which has different kind of drawing tools. He/She can make hook file according to type of machine and then user can also set the any kind of weaving and apply on design.
Responsibilities: Help developers on critical tasks, logic to move them ahead from blocker. Check the development on daily basis. Follow agile methodology and used Jira Software to track the full project development
Technologies: C#.Net, C++, Image processing, Jira.
Industry: Textile

• Software for laser marking

Project Description: Software to mark any design or text on metal like SS, MS, Gold using laser and motion controller.
Responsibilities: Implement module to calibrate the machine between actual motion and screen co-ordinate in pixel. Implement the wrapper of laser source to communicate with laser source using its sdk.
Technologies: C#.net, VC++, C++.
Industry: Mechnical

• Data Extration Engine

Project Description: To digitize the documents it performs the OCR on the documents to extract the text from scanned/Fax Invoices, Purchase orders etc. and arrange required fields in .csv file
Responsibilities: Using the OCR library made one application in which user can upload the document and see the all extracted text on UI. Made UI to facilitate functionality to select the fields as key and value and user can train the document.
Technologies: .NetCore, Micro Services.
Industry: Insurance

• Software for Diamond cutting mirror

Project Description: : Software to control the motion controller and laser source. It has facility to set the diamond parameters, speed and acceleration/deceleration of motion of motors, camera integration to see the live cutting of diamond. It will cut the diamond using galvo motor instead of Horizontal and vertical motion to achieve the high speed.
Responsibilities: Using the SDK of Laser source, motion controller set the synchronization of laser on/off and movement of motors. Made the algorithm of cutting profile to move the motors accordingly and to set the acceleration/deceleration perfectly. Co-ordinate with QA and customer to set the perfect shape of diamond after cutting with minimum weight loss.
Technologies: VC++, C++.
Industry: Mechnical

EMPLOYMENT HISTORY

• Software Developer

Description: To develop software, work as a team mebmer in different projets

EDUCATION

• Bachelors degree in Electronics and Communication Engineering from GTU 2015 - 2019

LANGUAGES

• English - advanced

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