

BHUMIK VARU

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SKILLS

Programming Languages:	JavaScript, Python, C++
Web Technologies:	React, Node.js, Express, HTML, CSS, Websockets (Socket.IO)
API design:	SOAP, REST
API Payment System Integrations:	JH Symitar, Fiserv DNA, Fiserv Premier, Visifi, JH iPay, CO-OP
DataBases:	MySQL, MongoDB
Version Control:	Git
Soft Skills:	Product Designs/Planning, Requirement Gathering, Customer Communication

WORK EXPERIENCE

Kore.ai Hyderabad
Senior Software Engineer Jan 2024 - Present

- Performing the role of solution architect in Payment Integrations, by translating the customer requirement into scalable product implementation guidelines using existing microservices architecture in NodeJs based Application.
- Conducting feasibility study and designing technical solution to requested feature, for a conversational AI assistant for Banking Product.

Kore.ai Hyderabad, India
Software Engineer Jan 2022 - Jan 2024

- Product Development, and delivery using NodeJS, Mongo and React based technologies.
- End to End Integration of the Financial Product with Banks, on the Core Banking, P2P, Card Payment and Bill Payment features.
- Insights and Gap Analytics from the User Conversation Pattern using python and google sheet opensource API ecosystem.
- Developed internal analytics pipe line which reduce the customer dropout rate to half and Improved intent Identification rate from 40% to 78%, using NodeJs and React.

Kore.ai Hyderabad, India
Associate Software Engineer July 2020 - Jan 2022

- Developed all the demo Backend APIs using RESTFUL architecture and Mongo Based Database Schemas, for the Banking Product.
- Developed a product documentation that now enables more than 10 customers and 26 development partners to integrate their backend to the product.
- Managed external vendor resources for the Outsourced part of development and Testing.

L&T Technology Services Limited Bangalore, India
Machine Learning Intern Jan 2020 - March 2020

- Developed a React based internal solution for collecting data for LTTS OCR, thus reducing the data collection efforts to 0.3 times of original time
- Worked on Ensembled CNN model to design and developed an OCR pre- trained on engineering handwritten documents which performs nearly 10% better than its benchmark "tesseract".

EDUCATION

B.Tech. in Computer Science, National Institute of Science and Technology, 2016 – 2020

PROJECTS

Emotional analysis towards reasoning about attitudes of customers using Spark — A Novel Machine Learning Approach <https://ieeexplore.ieee.org/document/8745961>
Emotional Analysis based on the text reviews of the users

Image-Based Concrete Crack Detection Using Random Forest and Convolution Neural Network https://link.springer.com/chapter/10.1007/978-981-16-2543-5_40

AWARDS

Best Team Player (Financial Services) kore.ai
Travel Grant Scholarship High Performance Computing, Data, and Analytics conference