

BUILDING SOFTWARE FOR REAL-WORLD INDUSTRIAL & ENTERPRISE SYSTEMS

Level 2 systems for Rolling Mills • Angular • Node.js • .NET Core APIs • C# • MSSQL

PROFESSIONAL PROFILE

Software Engineer and Full Stack Developer with experience in enterprise application development, industrial automation, system integration, and database-driven solutions. Currently working on Level 2 automation systems for rolling mills, developing recipe management, production and consumption reporting, roll management, and material tracking applications.

Experienced with Angular, Node.js, C#, .NET Core, REST APIs, and SQL Server, with exposure to SAP, MES systems, and other industrial system integrations. Background also includes healthcare applications, workflow management, asset management, and e-commerce solutions.

PROFESSIONAL EXPERIENCE

AIC Capitanio Automation Systems

Bangalore, India

[aicnet.it](#)

Level 2 Automation Engineer | Full Stack Developer

Mar 2021 – Present

- Level 2 automation systems including Recipe Management, Production and Consumption Reporting, Roll Management Systems and Material Tracking systems for Rolling Mills.
- Kocks, SAP and QMOS / MES integrations; REST APIs and industrial data flows.

AFI Infotech

Kochi, Kerala, India

[afiinfotech.com](#)

Software Engineer | Angular JS & VB Developer

Nov 2019 – Feb 2021

- Developed enterprise modules for a Hospital Management System.
- Built web interfaces, APIs and database-driven workflows.

SYSBOON Technologies

Calicut, Kerala, India

[sysboon.com](#)

Software Engineer / ASP.NET MVC Developer

Apr 2017 – Oct 2019

- Delivered workflow, asset management, e-commerce and customer-specific web applications.
- Worked across ASP.NET MVC, C#, SQL Server, JavaScript and APIs.

Tekubez Innovations

KINFRA – Malappuram, Kerala, India

PHP Developer

Jul 2016 – Jan 2017

- Worked on web application development during the early stages of my career.

ENGINEERING FLOW

UI	API	PLC Communications & BL	DATA	INTEGRATION
Angular	Node.js • .NET Core	Node.js	MSSQL • PostgreSQL	SAP • MES/QMOS • Kocks

FEATURED ENGINEERING PROJECTS

Recipe System for Rolling Mills Industrial Automation	Recipe management for rolling-mill environments. Angular • Node.js • MSSQL • .NET Core API
Reporting System for Rolling Mills Production Reporting	Data-driven reporting focused on production / consumption information. Angular • Node.js • MSSQL • SSRS
Roll Management System Rolling Mill Automation	Application supporting roll-management workflows within an industrial environment. Angular • Node.js • MSSQL
Kocks Integration Industrial Integration	Integration work connecting rolling-mill application workflows with Kocks-related systems. APIs • Integration • Database
SAP Integration Enterprise Integration	Integration work connecting industrial application workflows with SAP. APIs • Integration • MSSQL
QMOS / MES Integration MES / Industrial Integration	Integration between Level 2 automation applications and MES/QMOS-related systems. APIs • DB Communication • Industrial Automation

SELECTED INDUSTRIAL CUSTOMERS

ArcelorMittal Site: Ukraine	Rashmi Metaliks Site: Kharagpur, West Bengal
Mitwalli Steel Site: Saudi Arabia	Al Jazeera Steel Site: Al Rahba, Abu Dhabi - United Arab Emirates
Suryadev Alloys Site: Gummidipoondi, Tamil Nadu	Super Smelters Site: Jamuria, West Bengal

ADDITIONAL PROJECT PORTFOLIO

Solver - Hospital Management System Customer application ERP Solutions to automate and integrate hospital and clinic operations	Honeywell Thermal Chamber Control System Honeywell Automation India Ltd. Software development for a thermal chamber control system
Renault 4M Workflow Management Renault-Nissan Automotive India Pvt. Ltd. Workflow management, database and administration portal.	Boon Boon Customer application Administration portal and API for waste management control.
Kottakkal Arya Vaidya Sala Customer application Backend administration and API development for a mobile application.	Mailing, Auto DB Cleaning, Auto DB Backup Customer application Windows-based microservices developed using Node.js
Karang Greeny Customer application API for a mobile application.	iTrace Customer application Workflow, task management and document digitalization.
Ticket Desk Customer application Online issue reporting and ticketing system	nTrac Customer application Asset Management System for Banks.

TECHNOLOGY STACK

FRONTEND	Angular • AngularJS • JavaScript • HTML • CSS • jQuery • AJAX
BACKEND	Node.js • C# • .NET • .NET Core • ASP.NET MVC • REST APIs
DATABASE	MSSQL / SQL Server • MariaDB • PostgreSQL • MySQL • Firebase
INDUSTRIAL / PROTOCOLS	AMQP (RabbitMQ) • OPC UA • HTTP • TCP/IP
DEVELOPMENT TOOLS	VS Code • Visual Studio • SSMS • Postman • UA Expert • IIS • Cursor

EDUCATION BSc Information Technology S N G C, Coimbatore 2013 – 2016 Higher Secondary KKM GVHSS, Kerala Biology- Maths • 2011 – 2013	PROFESSIONAL SKILLS Ability to manage and execute multiple projects simultaneously. Excellent troubleshooting and debugging with effective resolution. Patient, positive and eager to learn new technologies. Effective communication across teams and departments.
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