

# RAJ KUMAR KOGURU

20-3-130/B3, Sivajyothi Nagar, Tirupati, Andhra Pradesh – 517501.

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## PROFILE SUMMARY

- *I am a talented DevOps Developer/Engineer. I design, develop, and maintain innovative software solutions that meet clients' needs. I can develop and maintain robust, scalable web applications. I can troubleshoot and debug issues as they arise.*
  - *I will always stay up-to-date with emerging technologies and best practices. I can contribute to technical documentation and knowledge sharing.*
  - *I am a team player. I can complete the projects within the timeline. I am well experienced in CI/CD and Containerization.*
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## AREAS OF INTEREST

DevOps, Cloud Computing, Site Reliability Engineering

## SKILLS

**Tools** - CI/CD, Unit Testing, Object Oriented Programming, Data Structures, Algorithms, Software Development Methodologies, Microservices, DBMS, Full-Stack, SonarQube, Git, GitHub, Jenkins, Jira, Postman, Dev-C++, Docker, Kubernetes, Ansible, Terraform

**Technical Skills** - Java, Javascript, Python, Oracle SQL, HTML, CSS, React, jQuery, Maven, Oracle, AWS Cloud, Shell Scripting, Linux, Node.js, S3, DevOps, EC2, Containerization

**Microsoft Tools** - Word, Excel, PowerPoint, Teams, Outlook, Visual Studio IDE

**Analytical Skills** - Data cleaning, preparation, and visualization; extracting insights and identifying trends from complex datasets

## PROFESSIONAL EXPERIENCE

**Associate Consultant, Oracle Consulting Solution Centre | Bengaluru**

**June 2019 - June 2020**

- As a Technical Consultant under Supply Chain Management, I have demonstrated experience in Oracle Fusion PaaS technologies (such as OIC, VBCS, FBDI, BI Reports), SQL/PLSQL, ORDS, JDeveloper, Selenium using Python, along with the domain knowledge of various ERP modules.
- Worked on creating various custom automations using Python and UiPath.
- Involved in cloud migration project roll-outs, ensuring smooth processing of data from EBS to the Fusion Cloud.
- Contributing to the organization's 'Innovation Portal' by building custom VBCS pages and integration flows using OIC in Oracle PaaS environment.

## PROJECTS

**DevOps Engineering - Planning to Production** (02 February'24 - 12 April'24)

- During the course I learnt AWS Services (e.g., EC2, S3, LAMBDA, RDS), I secured experience with serverless architecture and microservices. I also gained proficiency in version control tools (e.g., GIT).
- I have mastered all AWS DevOps tools and CI/CD pipelines. I have familiarity with containerization technologies (e.g. Docker, Kubernetes).

**Implementation of Distance Learning in the Rural Village** (31 May'17 - 4 December'18)

- During the Live in Labs course, we visited "Deurbal village" in "Chhattisgarh state" to analyze the challenges faced by the students to get a quality education.
- Long range WiFi to overcome the network issues and solar backup for electricity are the proposed solutions for the implementation of distance learning in the village.

**Student Social Responsibility - A Non-Technical Project** (25 Jun'17 - 24 Apr'18)

- We conducted an awareness campaign over environmental pollution and career objectives in a Government school for the orphan.

## ACADEMIC DETAILS

- **Bachelor of Technology (BTech)- Electronics and Communication Engineering (ECE), Amrita Vishwa Vidyapeetham, Amritapuri, Kollam, Kerala,** Amrita School of Engineering, 2015-2019, CGPA - 7.37/10.00.
- **Higher Secondary Education- Mathematics, Physics, and Chemistry (MPC), Sri Chaitanya Junior Kalasala, Tirupati, Andhra Pradesh,** Board of Intermediate Education, 2013-2015, Percentage - 89.30/100.00.
- **Secondary School Education (X), Sri Venkateswara Children High School, Tirupati, Andhra Pradesh,** Board of Secondary Education, 2012-2013, CGPA - 9.80/10.00.

## SOCIAL PROFILE

- **LinkedIn** - <http://www.linkedin.com/in/raj-kumar-koguru-6277512b0>

## INTERNSHIP

### **Kaizen Robotics Program (Dec'5 2017 - Dec'10 2017)**

- It was conducted by Lema Labs in "Indian Institute of Technology Madras (IITM), Research Park".
- We formed a team of two. I headed my team. We built the robots like simple line follower robot, obstacle avoider robot, table-top robot, analog to digital conversion based robot, pulse width modulated robot, and PC controlled robot using an ATmega16 microcontroller.
- Involved in the high-level design of robots and successfully completed the project.

## PAPER PUBLICATION

### **Educational Obstacles in an Impoverished Rural Village of India, and Advanced Technologies to Reinforce Quality Learning,** RSD Pragnavi, K Raj Kumar, Sarath Chandrika K, Maya Menon, Renjith Mohan, L M Frey

- In Live-in-Labs course I was introduced to the unique concepts such as human-centered design, ethnographic research, and sustainable social change models which helped us to write a paper.

## CERTIFICATIONS

- Successfully completed the course on “**DevOps Engineering - Planning to Production**” of duration 10 weeks from February 2024 to April 2024 organized by “Geeks For Geeks”.

## WORKSHOPS

- Trained in “Ethical Hacking” after attending a workshop during Conscientia 2018. Conscientia is a technical fest conducted in Indian Institute of Space Science and Technology (IIST), Trivandrum.
- Trained in “PLC and Industry Automation” after attending a workshop during Tesla 2018. Tesla is a technical fest conducted in College of Engineering, Trivandrum.

## EXTRACURRICULAR ACTIVITIES

- Volunteered on the occasion of “Mata Amritanandamayi Devi's” 62nd and 63rd birthday celebrations.
- Participated in the cycle rally event on 22nd September 2015 as part of the “World Car-Free day”.

## LANGUAGES KNOWN

Language	Read	Write	Speak
English	Very Good	Excellent	Very Good
Hindi	Excellent	Excellent	Very Good
Telugu	Excellent	Excellent	Excellent

## HOBBIES

- Playing cricket and badminton, Running, Drawing, Gardening, Listening to music.

