

PRAGATI K YADAHALLI

CONTACT

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-  Davanagere, India

TECHNICAL SKILLS

- Programming Languages: **Core Java, C, Python**
- Data Base Management System: **MySQL**
- **HTML, CSS, JavaScrip**t, **ReactJS**
- **Cloud Computing** - AWS
- AWS Services: **EC2, EFS, EBS, VPC, RDS, Route53, IAM, Lambda, CloudWatch.**
- OS: **Linux, Windows**
- **DevOps Tools:** Jenkins, Kubernetes, Terraform, Ansible, Docker
- Data Science and Machine Learning
- **MS Office, MS Excel, Power Point**

EDUCATION

- Jain Institute of Technology, Davanagere 2020-2024
Bachelor of Computer Science & Engineering **CGPA:8.45**
- Sri Basaveshwara P U College, Davanagere 2018-2020
Pre-University (PCMB) **Percentage: 80%**
- OM National Public School, Ranebennur 2017-2018
10th (CBSE) **Percentage: 70%**

CERTIFICATIONS

- Internshala Web Development Training
- Coursera Google Cert. on Data Foundations
- Hackerrank Java Certificate
- Hackerrank SQL Certificate
- AWS Solutions Architect | MicroDegree
- Certification in National Engineering Olympiad

CAREER OBJECTIVE

A skilled and dynamic IT professional with a passion for IT innovation, **Agile project management**. Proficient in developing solutions using Scrum, and a versatile range of programming languages (**Core Java, C, Python**) and technologies. **Excels** in data analysis, **Full Stack Web Development, AWS Cloud Services (EC2, Lambda, VPC, CloudWatch, EFS, EBS, RDS, Route53, IAM, S3), DevOps tools (Kubernetes, Jenkins, Ansible, Maven)**. Seeking opportunities to leverage expertise and drive digital transformation in the IT industry.

PROJECTS

Air Quality Monitoring System Python, IOT, M L

Visionary leadership in developing a cutting-edge AQMS, seamlessly integrating specialized sensors. Utilized technologies such as OpenAQ coupled with machine learning models like TensorFlow and PyTorch, to achieve Accurate AQI Mapping and real-time data analytics. The project's focus on Flexibility and Adaptability ensures a dynamic and responsive monitoring solution.

Car Rental Management System HTML, CSS, JavaScript, MySQL

I led the development of a CRMS mini project using DBMS, aimed at optimizing rental operations. The system featured customer modules for browsing vehicles and managing rental histories, administrative functionalities for adding vehicles, generating reports.

GST Billing Mobile Application Java,,SDK, Database

I developed a GST Billing mobile application leveraging Java and XML for frontend design and SDK integration. This project utilized a backend database to manage invoice data, ensuring accurate billing and GST calculations.

Cloud-Enabled Web Infrastructure Deployment Project

Utilized AWS services to design and implement a robust cloud infrastructure, establishing VPC, S3, and EFS for scalable storage. Deployed NGINX on EC2, set up RDS with a Read Replica for redundancy, and integrated ALB, ASG, and CloudFront to optimize content delivery and enhance performance. Configured domain registration in Route 53.

INTERNSHIPS

• Abeyaantrix Softlabs

Here, I have completed internship in the domain of **Data Science and Machine Learning with Python**. In this role, I have worked on **Loan Prediction System** by utilizing the JIRA software tool.

• MicroDegree

Completed an intensive **AWS** internship, gaining hands-on experience in deploying and optimizing cloud services with a solid foundation in **AWS cloud computing, and program management**.