

PROFILE

Name	K ABHIJITH SARALAYA														
Position & Affiliation	VISITING FACULTY														
Areas of Interest	Big Data Analytics,Parallel Computing,Springs,Devops, AWS Cloud Services, Cloud Computing, DAA, Data Visualization Tools like PowerBI,Tableau,Kibana, Programming language: Java,C Query Language: MySQL,MongoDB,Hibernate,HiveQL,Stored Procedures, Pig Latin Scripts														
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Google Scholar ID	https://scholar.google.com/citations?user=Pw385FsAAAAJ&hl=en														
Orchid ID	0009-0009-3036-6197														
Vidwan ID	nil														
Scopus ID	nil														
Professional Webpage (if any)	https://abhijith-saralaya.netlify.app/														
Educational Qualifications:															
<table><tr><td>Ph.D</td><td></td><td></td><td></td></tr><tr><td>MTech</td><td>Reva Institute of Technology</td><td>CSE</td><td>2014</td></tr><tr><td>BE</td><td>Reva Institute of Technology</td><td>CSE</td><td>2010</td></tr></table>				Ph.D				MTech	Reva Institute of Technology	CSE	2014	BE	Reva Institute of Technology	CSE	2010
Ph.D															
MTech	Reva Institute of Technology	CSE	2014												
BE	Reva Institute of Technology	CSE	2010												
Areas of Research:															
DEVOPS, PROMPT ENGINEERING, GEN AI															
Brief Profile:															

I'm Abhijith Saralaya, an experienced professor, full-stack developer, and tech mentor with over 13 years of experience in software development, enterprise support, and academic leadership. Currently serving at CMR Institute of Technology, Bangalore, I specialize in guiding students and professionals in areas such as Data Engineering, Full Stack Development, and Cloud Computing.

With a strong foundation in Java, C, C#, MySQL, and frameworks like Spring, I've delivered and supported scalable applications using Docker, AWS, Hive, Hue, and the Hadoop ecosystem. I've played key roles in enterprise support systems, driving the performance and reliability of critical tech infrastructures.

Professional Highlights:

13+ Years of Experience across academia, software engineering, and enterprise tech support.

My journey blends technical leadership, educational impact, and entrepreneurial innovation. I'm passionate about building real-world solutions and empowering the next generation of tech professionals.

Awards/Achievements/Others:

1. Tech Mentorship & Career Guidance: Actively collaborating with experts like Anil Kumar Patel to enhance student success in the data and cloud domains.
2. Award Winner: Secured First Prize in "Insight in Sight: Designing Impactful Dashboards", recognizing excellence in data visualization.
3. Startup Founder: Building an app-based doorstep vehicle wash service with premium offerings like ceramic coating and PPF, operating in key Bangalore regions like KR Puram, Bhattarahalli, and TC Palya.
4. Project Experience: Delivered solutions involving container orchestration, cloud architecture, and database optimization for enterprise applications.

Courses Taught: JAVA, DEVOPS, ADVANCED JAVA, DBMS, CN, PARALLEL COMPUTING, CLOUD COMPUTING, DAA, THEORY OF COMPUTATION, FAFL, GRAPHICS DESIGN, MICROPROCESSOR-8086,DIGITAL LOGICS, OPERATING SYSTEM

Publications/Patents: Four National Publications/ Two Patents

Publications	1) A survey on automation of chromosome based genetic diagnosis using machine learning P Devika, BB Rao, A Saralaya 2021 IEEE 6th International Conference on Computing, Communication and Automation (ICCCA) 2) COVID-19 Detection System with Security Alerts A Saralaya, VS Alapathi, J BN
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	2021 IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT) 3) A Novel Fire Detection Method using CNN LP Yeluri, SK Shareef, A Saralaya, GK Kumar 2021 IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT)
Patents	ERGONOMICALLYDESIGNEDHELMET WITHNATURALOXYGEN FORPREVENTION FROM AIR BORNE DISEASES AND IOT FOR HEALTH MONITORING 202041032685
Book/Book Chapters	nil