

BALAKRISHNAN TM

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Thiruvananthapuram,
Kerala, **India**.

PROFILE

About 40 years of professional experience, out of which 23 years were in software architecting, designing, developing and testing as well as training and mentoring young software engineers. I have had experience in several technologies and platforms like C++, VC++, Dot Net, J2SE / J2EE, Ruby on Rails, Angular and Android /iOS.

EXPERIENCE

CONSULTANT SENIOR TECHNICAL TRAINER WITH KELTRON KNOWLEDGE SERVICES

Freelance developer, trainer; Thiruvananthapuram, India

Designed and executed customised and generic training and mentoring programs for clients like Harland (Finastra), Suntec, Amstor, HCL, Assurtech, Firmusoft etc.

Designed and developed customised software for clients Jaguar and Land Rover Ltd. UK, Codevid bvba Belgium, Music Choice and Playnetwork USA, rVibe LLC USA etc. (brief list of recent projects is appended).

HOD-Engineering, KSEDC Ltd., Kerala, India — 1981 - 1998

I was responsible for design and production engineering activities of the Switching Equipment factory of KSEDC Ltd. (Kerala State Electronics Development Corporation Limited). I was also responsible for exploring and developing new products and business areas for the company.

EDUCATION

Graduation in Electronic and Telecommunication Engineering with Computer Engineering as elective.

SKILLS

J2SE (Swing, RMI), J2EE (Spring, Spring Boot, EJB, JSP, JSF, Struts, Hibernate, JPA), C & C++, VC++ (SDK, MFC), C# and ASP. Net, .NET core, Web (Javascript, JQuery, CSS, Bootstrap), Angular, Mobile (Android - Java and iOS - Swift), Ruby on Rails. Also TDD / BDD using JBehave, JUnit, Selenium, Cucumber etc. for test scripting; UML for design documenting.

(2020-09-23)

Project	Client	Role / responsibility
E-commerce application for comprehensive management of multi-location resort with diverse facilities and restaurants, allowing reservation and online payment. .NET core MVC with Ms Sql, Entity framework, Razer, JQuery and Bootstrap.	Codevid, Belgium	Front-end and backend coding.
Training management application with course structure definition, batch scheduling, trainer assignment, admissions, online tests, career milestones and reporting. ASP.NET MVC 5 with Ms Sql, Entity framework, Razer, JQuery and Bootstrap.	Naandi Organisation, India	Requirements, design, coding, testing and deployment.
Online music portal with cataloging on artist, album and genre, auditioning, paid download and social network functions. J2EE service with JSF, Hibernate and Postgres backend. VC++ Windows full function client with MFC and STL including media player and disc creation.	rVibe, USA.	Requirements, design, coding, testing and staging to QA system.
Clinic / Hospital management with appointment, consultation, tests, prescription, follow-up, payment and reporting. Migration project of existing desktop application into ASP.NET web-api and MVC (5).	Amstor, India	Designing and coding.
Duel channel in-store music playback system as a Windows service using online music and dynamic playlists. ASP.NET web-service with MS Sql server as back-end and Windows service client.	Playnetwork, USA,	Design, coding, testing and staging to QA system.
Online music and video catalog including ingestion of media from external feeds, metadata acquisition, transcoding and cataloging. ASP.NET MVC and Ms SQL server.	MusicChoice, USA.	Design, coding and testing.
Concern driven reporting of automotive incidents; enhancement project – adding new concerns. Java, JSP and DB2, Perl and shell scripts.	Jaguar Landrover, UK, through Tata Technologies, India.	Design, coding, testing and staging to QA server.
Portal for live concerts with events catalog, subscriptions and video streaming – live and VOD. J2EE with JSF, Hibernate and Postgres.	US client through outsourcing company.	Requirements, design, coding, testing and staging to QA system.
Learning management system. Courses batches and admissions. Course content comprising live video sessions, VOD, documents (PDF) and other digital resources that are made available based on course and batches. There is facility to monitor a subscriber's progress in accessing and viewing allotted resources. Ruby on Rails on Linux with MySql (Bootstrap, JQuery and Knockout).	rVibe, USA.	Designing, coding, testing and deployment. TDD process.