

# Pradeep Dantuluri

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## SKILLS

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- **Expertise:** Functional Programming, Micro Services, DevOps, Project Management, Team Building
- **Technologies:** Java8, Scala, RxJava, Play, Docker, Kubernetes, Prometheus, Vault, Keycloak

## EXPERIENCE

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- **Yantranet**

Hyderabad, India

*Head of Engineering & Product*

*April 2012 - Present*

- **YantraPlatform:** A bespoke IoT platform designed for media intensive applications like Digital Signage and Kiosks. Allows for monitoring and pixel-level management of thousands of screens spread across the world. <https://www.yantranet.com>
- **YantraSign:** A Digital Signage solution that leverages the YantraPlatform to deliver seamless control over content delivery, across a network of screens. <https://yantrasign.com>
- **ScreenVive:** Content as a Service for your Digital Screens. Access a variety of configurable content feeds ranging from news, entertainment, trivia etc to be used on your screens. <https://screenvive.com>
- Yantranet is a fully bootstrapped company, and have been cash-flow positive since day one. We are a part of NASSCOM 10K incubator and XLR8 AP accelerator. Our business is based out of CT, USA, with clients all over the country. We have a development center in Hyderabad, India
- Currently I am responsible for back-end technology development, hiring, and ensuring high availability at a 24/7 business
- Lead Developer & Architect for YantraPlatform, YantraSign and ScreenVive, involved with all stages of development cycle. From feature planning, design, implementation and support
- Introduced Functional and Reactive Programming paradigms to the team and helped migrate to RxJava and RxJs
- Championed the migration to a Micro Service Architecture and Kubernetes Deployments within the company
- Migrated from a bespoke auth server to RBAC based Keycloak for fine grained authentication and authorization, including support for OAuth2.0 and OpenID Connect for 3rd party authentication
- I led a small team to setup & maintain the complete DevOps pipeline using Bitbucket, Jenkins, Docker, Kubernetes, Prometheus

- **DERI, NUI Galway**

Galway, Ireland

*Research Associate*

*August 2008 - September 2011*

- **Digi.me:** An EU funded research project to develop an Intelligent Trust-enhancing Store of a Users personal information sphere in digital and social environments.
- **Nepomuk:** A Social Semantic Desktop built on top of KDE which enables a deeper inter-connection of data from various applications using RDF other Semantic Web Technologies
- **Publications:** I co-authored 4 research papers and a journal in the field of NLP and Semantic Web
- **Skills Learnt:** Java, Python, GWT, RDF, OWL, Research, Academic Writing

## SIDE PROJECTS

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- **Tickscore**

Hyderabad, India

*Technical Co-Founder*

*January 2017 - April 2019*

- An online service helping students prepare for the Civil Services Examination in India. Students could practise either online or using an Android App, against a well-curated set of questions and get detailed analytics on their progress. I designed and developed the backend services.
- **Skills Learnt:** Javascript, NodeJS, ReactJS, ReactNative

- **InMins**

Hyderabad, India

*Technical Co-Founder*

*January 2011 - April 2012*

- A food delivery app created long before mobile apps became prevalent. It was a web-based service, which catered to foodies in Hyderabad, India. I designed and developed the customer-facing web app and an administration console, for managing daily operations.
- **Skills Learnt:** Java, Spring, Javascript, Bootstrap, Backbone, JQuery

## EDUCATION

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- **Indian Institute of Information Technology**

*Bachelor of Technology in Information Technology; GPA: 7.98/10.0*

Allahabad, India

*2004 – 2008*