Pradeep Dantuluri

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SKILLS

- **Expertise**: Functional Programming, Micro Services, DevOps, Project Management, Team Building

- **Technologies**: Java8, Scala, RxJava, Play, Docker, Kubernetes, Prometheus, Vault, Keycloak

EXPERIENCE

- **Yantranet** Hyderabad, India
  Co-Founder, 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 YantraPlatorm 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
  - Built the team from ground up to 20, by hiring teams for Web, Android , Backend, Design and QA
  - 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

- **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 desinged and developed the customer-facing web app and an administration console, for managing daily operations.
  - **Skills Learnt**: Java, Spring, Javascript, Bootstrap, Backbone, JQuery

EDUCATION

- **Indian Institute of Information Technology**   Allahabad, India
  Bachelor of Technology in Information Technology; GPA: 7.98/10.0   *2004 – 2008*