

# Nandeesh Naik

Senior software engineer at Crux Intelligence (FractalAnalytics)

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## PROFESSIONAL SUMMARY

- Having more than **7 years** of experience in application software development with emphasizes on Object Oriented Concepts, Multi-tier, Client/Server and Web based Systems using **Java/J2EE technologies**.
- Good understanding of entire **Software Development Life Cycle (SDLC)**.
- Very Good knowledge on **Java, OOPS Concept, Exception Handling, Collection, Multithreading**, other core java concepts, **Restful (API) Web Services**.
- Highly proficient in developing Enterprise application by using **Design patterns, Spring Boot, JDBC, MVC, AOP**
- Certified core java programmer from **Spring People**.
- Worked on industry standard Unit testing frameworks like **JUnit** and **Mockito**.
- Good Analytical, presentation and communication skills.

## TECHINICAL SKILLS

**Programming languages:** Java, Python.

**Framework:** Spring 4.x (Spring Core, Transaction, Spring MVC, Spring JDBC, Spring AOP), Spring Boot

**Servers:** Tomcat.

**Database:** PostgreSQL, MSSQL Server, Couchbase

**Tools:** Apache-Geode, ActiveMQ, ABBYY FineReader (OCR Engine), Log4j, Maven, Tomcat, JIRA, Bitbucket, Bamboo, SVN, PDFBox, Zipkin, Spring Boot admin server, Git, Keycloak, Elastic Search, Apache-Ignite.

**IDEs:** IntelliJ Idea, NetBeans, Eclipse, PyCharm.

**OS:** MacOS, Windows, Linux.

**DevOps:** Docker, Kubernetes, Helm-Chart, Azure DevOps, Shell scripting.

## PROFESSIONAL EXPERIENCE

### Crux Intelligence

Working as Senior Software Engineer at **Crux Intelligence** from July 2019 to till date.

## EDUCATION

Bachelor of Engineer (2010-2014) in the stream of Information Science from Vivekananda Institute of Technology Bangalore with an aggregate of 74.84%.

## LANGUAGES

Kannada, English, Hindi, Telugu, Tamil (Learning), Konkani (Learning).

## HOBBIES

Chess, Badminton, Carom, Volleyball, Marathon Running, Swimming, Cycling, Book reading.

Crux is your AI-based personal analyst, delivering relevant real-time business information, tailored specifically to the individual.

Crux Intelligence has been incubated by [Fractal Analytics](#).

#### Responsibilities:

- Designed and developed SSO integrations to third party applications like Microsoft 0365 and Google Suite.
- Member of the development team for Semantic Visualisation Engine in the product.
- Member of the Dev Ops team. Built using Azure Pipelines.
- Member of the NLP team responsible for Period Identification in a natural language question.
- Owner of the base docker image used to deploy Micro-services.
- Code development and maintenance for fulfilling users' new requirement and solving the issues.
- Apache-Geode for caching in Crux.

### **Siemens**

Worked as Senior Software Engineer in **Siemens Technology and Services Pvt Ltd** from August 2014 to June 2019

#### COMPAS- SiScan

Siscan is the tool which gives a huge productivity boost for the users of COMPAS. Which reads the PDF documents which contains the details of product configuration.

#### Responsibilities:

- **Image processing** using pure java for finding Lines, Rectangles and Tables.
- PDFBox for extracting content from PDF.
- ABBYY FineReader for OCR.
- Amazon AWS for server deployment and maintenance. S3 bucket for file storage and retrieval from server.
- Automated tool for finding issues in Siscan and assigning issues to respected developers.

### **Hobby Projects**

- Object detection using YOLO.
  - Trained the model on electrical domain components which is used to analyze Single Line Diagrams.
- Automatic Check leaf data Extractor.
  - Tool which is used to extract data from Check leaf. Different banks' checks were considered as different templates.
  - Extracted data was pushed to Microsoft Excel sheet.
  - Google vision for OCR.
  - Used Python for development. Flask for server-side implementation using python.