




ROHIT NANDI
- AI Programmer -

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Hello,

I am an AI seeker, a generalist, polyglot software developer, not delimited by any programming language or framework, evolving everyday by creating applications and side projects. Acclaimed for being proactive and self-motivated team player by the organization I have been part of.

I aspire to occupy a reasonable and challenging position in the AI Industry. Code, Create, Celebrate is my Mantra.

Want to work together? I'd love to hear from you :-)

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AI EXPERIENCE

Ai Programmer @ Sarathi Softech Pvt. Ltd. | December 2017 – present

> Decisive.ai | December 2017 – present

A Startup project of the company, in which as a Core AI Programmer my responsibilities spread from designing, developing and maintaining a learning platform which aids in training the AI agent to learn and also validate it's Intelligence. The single platform supports training via algorithms such as RL, Genetic Programming, Supervised Learning to create Game Bots. Visit [Decisive.ai](#) :)

Major Contribution

- Training Agents, finding hyper-parameters, creating reports and analysis.
- Implement in the system, the Algorithms and techniques researched during the POC phase.
- Implemented a Dashboard which helps in monitoring Agent's learning curve during a training session.
- Implemented distributed multi-server processing architecture using Akka messaging.
- Refactoring project structure to be more modular and stateless functional.
- Creation of database microservice components.
- Incorporated SBT in the project.
- Creating design documents for new functionalities.
- Leading the new/contract team members.

Tech: Scala-Java ecosystem (Akka, Play, DL4J, nd4j etc.), JavaScript Bootstrap, Chart.js, PostgreSQL, SBT, Octave, c#.

> Billing Hub Analytics Dashboard | January 2020 – present

This is another startup project of the company, currently in the POC phase. I am leading this after office hours with Interns. The project idea is to create a dashboard which will display various analytical information extracted from the data generated by **Sarathi Softech** USP product **JBilling** (which is a Billing management product).

Tech: Python, Pandas, sklearn, Tesorflow, Flask, Django and other DataScience python libraries.

Research Associate @ Aptean | April 2017 – November 2017

At a Hackathon conducted by ARL (Aptean's AI Research Lab), I proposed a use case of Recommendation System for **Vantage**, a product in which I was working as a full stack web developer. After being selected in ARL the work I did is

- Research on Various Content based and Collaborative based approaches.
- Analyzing 43 products of Aptean, gathering use cases of recommendation engine as an application in those products.
- Collaborating with various teams to gather data from their respective product, understanding their business domain and finding scope of recommendation engine in them.
- Creating POC for the product **Vantage**.
- Research related to recommendation system on two more of Aptean existing products **Knova** and **CoreTrac**.

FULL STACK WEB APPLICATION DEVELOPER EXPERIENCE

Engineer, Development @ Aptean | November 2016 – April 2017

Joined as a Full Stack Web Developer for product Vantage, I gained expertise on a multi-tenant architecture built using **Scala-Ecosystem Technology Stack**.

> Vantage | CMS-CRM Web Application Product

Joined as the 1st member of the Indian dev team, of a newly procured product by the company, my responsibilities were to acquire product knowledge to lead upcoming members of the team, Develop new enhancements, Bug fixes, Contribution in product Migration and Architectural Enhancement Prototype Refactoring old Modules, implementing Unit-testing framework.

My most valuable contribution was revamping the Storage module giving it a new look (something similar to Google Drive) powered by a Rest API, which enhanced the module performance by making it faster and crash-free.

Technologies Used: Scala, Play-Scala, SBT, Akka/Kafka, PostgreSQL, Slick, Sqitch, Bootstrap, JQuery, UI Markup (HTML5, CSS3, JavaScript), JSON, GIT.

System Engineer @ Infosys Ltd. | July 2015 - November 2016

Joined as a Fresher, went through a stringent training at Infosys Mysore. Outperformed the peer, becoming the Top Performer by consistently excelling in a series of 8 exams. Gained technical experience on technologies like Python, Oracle DB 9i/10g, Java 8, JEE, JSF, Hibernate, Web-Tech (HTML5, CSS3 and JavaScript), jQuery, JUNIT-Mockito, and Ant. After successful completion of the training, joined the project **E-Flight - A Business CMS Web Application** for the client **Bristow Group Inc**.

Internship

- **Online Examination Portal** a Web Application project done @ **Globsyn Skills Development Pvt. Ltd.** during **June – July 2014**
- **Research on LAN and Network Management** a project on Internet & Networking done @ **Bharat Sanchar Nigam Ltd. (BSNL)** during **January 2014**

Freelancing

- Subject Matter Expert - Computer Science Engineering @ **Chegg** | November 2016 – December 2017
- Online Shopping Portal with Secure Gateway | August 2014 - February 2015
- Immigration System | January 2014 - August 2014
- School Management System | 2014
- Electronic Bill Payment System | 2013

EDUCATION

Degree	University	Score	Institution	Year of Passing
Bachelor in Technology	Maulana Abul Kalam Azad University of Technology	8.12 DGPA	Heritage Institute of Technology	June 2015
Higher Secondary School Examination	Indian School Certificate (ISC)	84%.	Kerala Samajam Model School	March 2010
Secondary School Examination	Indian Certificate of Secondary Education (ICSE)	87%.	Kerala Samajam Model School	March 2008

Awards & Certifications

- Aptean GEM (Go the Extra Mile) Award | October 2017 | Appreciated for my **Proactive work**, which helped the company meet its goal for the product Vantage and also for the research work at Aptean Research Lab which added business value to Aptean existing product.
- Infosys Top performer Trainee | December 2015 | Stood as Top Performer (TPF) by scoring an overall aggregate of **93%** during Infosys Training at Mysore, **1st in Java stream**.
- Microsoft Certified Solutions Developer (MCSD) | September 2016 | Certified in **"Programming in HTML5 with JavaScript and CSS3"** (Exam Code 70-480) conducted by **Microsoft**, by scoring **85.7%**.
- Microsoft Technology Associate (MTA) | June 2014 | Certified in **"Database Administration Fundamentals"** (Exam Code 98 – 364) conducted by **Microsoft**, by scoring **84.2%**.
- Robotics | 2014 | Finalist in Inspiral-On (a manual robotics event) at Kshitij 2014 (IIT Kharagpur Technical Fest), where teams participated from all over the globe.
- Exorsa v2.0 | September 2014 | Intra **WBUT University** online fest conducted by mywbud.com, participants enrolled from colleges all over west Bengal.
 - Bagged **3rd** position in **"FAST PRESENTER"** online powerpoint presentation to be submitted in 30 minutes.
 - Bagged **7th** and **9th** position in **"WWWIZARD"**, a static web design competition.

***** Thank You! *****

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