

Sharad Mishra

FULL STACK DEVELOPER · SR. PROJECT TECHNICAL ASSISTANT

C1-405, Umang Premier, Ivy Estate Wagholi, Pune MH, 411207, India

☎ (+91) 8826757647 | ✉ sharadm2001@gmail.com | 📷 sharadm20 | 🌐 sharadm2001

Summary

Working as a Senior Project Technical Assistant at a MHRD Project e-Yantra (Embedded and Robotics Systems) comes under NMEICT at IIT Bombay. 3+ years experience specializing in the backend development, frontend development and RESTful Architecture application. Super nerd who loves Linux and enjoys to customize all of the development environment. Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools if the need arises.

Skills

DevOps	AWS, Docker, LAMP
Back-end	Spring, Hibernate, Express, Django, Laravel, REST API
Front-end	Vue, Vuex, Redux, React, HTML5, Javascript
Programming	Python, JAVA, Node.js, PHP, LaTeX
Languages	English, Hindi

Work Experience

e-Yantra (an MHRD project under NME ICT by GOI)

IIT Bombay, MH, India

SENIOR PROJECT TECHNICAL ASSISTANT

Jan. 2017 - Present

- Built full backend of **e-Yantra social app** in Spring Boot + Hibernate using REST Architecture and deployed it on EC2 AWS Server. In process of expanding it to a **Real Time Activity Tracking** of community with Message Broker over AMQP protocol
- Built a full stack project for **e-Yantra Ideas** in Laravel + Vue.js as frontend over a LAMP stack.
- Worked in designing an overall service architecture and pipelines of the Machine Learning based **Auto Tagging Algorithm** for MCQ Question difficulty tagger as an API with the micro-services architecture for **e-Yantra Selection Test and Question Bank**.

Projects

Data Hiding using Lazy Wavelet Transform Strategy

IMS Engineering College

MATLAB, JAVA SE6, SWING

Aug. 2013 - Feb. 2014

- A steganography technique is used to store message, we use the 2D - Lazy Wavelet Transform [2] on each frame to get four sub-bands
- The data is then hidden in subbands of frames using LSB technique. The length of data which is stored in frames is hidden in audio using simple LSB technique
- **Reference Paper:** <https://research.ijcaonline.org/icacea/number5/icacea1450.pdf>

Education

IMS Engineering College

Ghaziabad, India

B.TECH. IN COMPUTER SCIENCE AND ENGINEERING

Jul. 2010 - Aug. 2014

- Secured 66.1 percentage in CSE Dept.

St. John's School

Jaunpur, India

10+2 EQUIVALENT IN MATHEMATICS

Mar. 2008 - Apr. 2009

- Secured 80 percentage overall.

St. John's School

Jaunpur, India

HIGHSCHOOL IN SCIENCE

Mar. 2006 - Apr. 2008

- Secured 77 percentage overall.