

Sharad Mishra

FULL STACK DEVELOPER · SR. PROJECT TECHNICAL ASSISTANT

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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.

Work Experience

e-Yantra

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 as an API with the micro-services architecture for **e-Yantra Selection Test and Question Bank**.

Projects

6th CodeEngn (Reverse Engineering Conference)

Seoul, S.Korea

PRESENTER FOR <DEFCON 20TH : THE WAY TO GO TO LAS VEGAS>

Jul. 2012

- Introduced CTF(Capture the Flag) hacking competition and advanced techniques and strategy for CTF

Education

POSTECH(Pohang University of Science and Technology)

Pohang, S.Korea

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Mar. 2010 - Aug. 2017

- Got a Chun Shin-Il Scholarship which is given to promising students in CSE Dept.

Extracurricular Activity

PoApper (Developers' Network of POSTECH)

Pohang, S.Korea

CORE MEMBER & PRESIDENT AT 2013

Jun. 2010 - Jun. 2017

- Reformed the society focusing on software engineering and building network on and off campus.
- Proposed various marketing and network activities to raise awareness.

PLUS (Laboratory for UNIX Security in POSTECH)

Pohang, S.Korea

MEMBER

Sep. 2010 - Oct. 2011

- Gained expertise in hacking & security areas, especially about internal of operating system based on UNIX and several exploit techniques.
- Participated on several hacking competition and won a good award.
- Conducted periodic security checks on overall IT system as a member of POSTECH CERT.
- Conducted penetration testing commissioned by national agency and corporation.