RUPESH KASHYAP

Think and Learn Pvt. Ltd, Gurgaon - 122016

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EDUCATION

2015-2019	B.Tech in Electrical Engineering	Indian Institute of Technology Delhi	CGPA: 7.06
2013-2015	Class 12, BSEB	SBBS High School, Gopalganj	77.2%
2012-2013	Class 10, CBSE	DAV Public School, Siwan	CGPA: 10

Secured All India Rank 1418 in JEE (Adv.) 2015, JEE Main (99.7 percentile) & KVPY Scholar (2014)

EXPERIENCE

MTS-2, Think and Learn Pvt. Ltd, Gurgaon　　　　　　　　　　Nov 2022 - Present

Working in Byju's core platform team
- Spearheaded the development of Gringotts UMS, a plug-and-play IAM solution for Byjus Internal systems.
- Leveraged Quarkus with an event-driven architecture and outbox pattern, to bootstrap the Gringotts Backend
- Owned the Byju's session service responsible for seamless session management for all Byjus and Aakash Systems.

Lead Engineer, Samsung R&D Institute India, Noida　　　　　　June 2019 - October 2022

- *Drove the Home & Model part in oneUIHome as the team lead*
- Demonstrated expertise in implementing a wide range of features and fixes for oneUI and LauncherGo applications.
- Held full ownership of multiple oneUI Components and Customer & Calendar apps in the SNMP Project (C++)
- Filed a patent for fast and adaptive panorama generation, showcasing innovative thinking and technical expertise.
  Recognized for professional excellence with Samsung's S/W Competency professional-grade certification in C++.
  Received SPOT award for exceptional contributions to the Logpad++(ALA) project

INTERNSHIP

Autodesk Pvt. Ltd., Pune : Fusion 360　　　　　　　　　　　May 2018 - July 2018

- Developed an AR based POC plugin for Autodesk fusion 360, to provide runtime information of workstations.
- Developed a marker-less AR library using Google fused API, Android sensor data etc and analyzed accuracy.

Intellify Solutions, IIT Delhi　　　　　　　　　　　　　　May, 2017 - July, 2017

- Worked as Android developer in Project Solve -a discussion cum Q&A platform for tutors and students interaction.
- worked on backend GCP and front end UI integration for Community, Ranking, Posts etc. features.

PROJECTS

Logpad++, SRI Noida　　　　　　　　　　　　　　　　　January, 2020 - Oct 2022

- Designed and developed scalable web (Flask/Mongo/JS) and desktop (Tkinter) apps for running analysis scripts.
- Developed threaded server side processors architecture for fast and efficient analysis of multiple search operations.
- Worked in a team of two, for developing UI and tutoring employees to get hands on knowledge of the tool.

Underwater Fish detection, Prof. Brijesh Lal　　　　　　　July, 2018 - November 2018

- Developed models using HPC cluster and achieved extremely high accuracy under different aquatic conditions.
- Employed end to end object enhancement techniques in order to increase the efficiency of the models trained.

SKILLS

Languages: C++, Java, Python, JavaScript

Development: Spring, Quarkus, Microservices, Kafka, Junit, Android, Flask

Courses: Analysis and design of Algorithms, Machine Learning, Embedded System Design