

# Gautam Kumar

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A3-7F, Sail City, 834004, Ranchi, India

## ● WORK EXPERIENCE

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2 MAY 2022 – CURRENT – Bangalore, India

### **MEDIA STREAMING ENGINEER – ZEE 5**

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- Manage and Lead six members technical operation team which is responsible to handle Live and VOD.
- Design, deploy and manage the Live and VOD workflow using AWS media services (ML, Media convert, S3, Media Package, CF, Media Tailor).
- Automate the VOD ingestion, transcoding and packaging workflow using AWS lambda and Python.
- Test the new functionality with media services and deploy in the production.
- Configure the media tailor for live channels.
- Successfully completed the video transcoding POC of Dolby Hybrik, Atime, Bitmovin, Google Transcoder(ongoing).

3 MAY 2020 – 29 APR 2022 – Bangalore, India

### **TECHNICAL LEAD – AMAGI MEDIA LABS**

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- As a member of the boarding team, my responsibility is to understand the requirement of the customer, design the E2E infrastructure in cloud, configure the system and deliver the project.
- Providing the best solution according to the project cost and customer requirement.
- Responsible to configure media live, MediaStore and Cloudfront as per different platforms (like Roku, Vewd, Xumo, Samsung TV+, Vizio etc.)
- Configure mediaconnect or Zixi or SRT for stream reception from different broadcaster.
- Manage the SSAI system and Create and configure the ad tags provided from platforms or from ads provider companies.
- Manage the channel's EPG (JSON, XMLTV etc.) and metastore for different platform.
- Test and deploy the new feature and release in production as per project requirement.

1 AUG 2019 – 15 APR 2020 – Bangalore, India

### **SENIOR ENGINEER – PRODAPT**

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- Responsible for providing E2E Video Support and Maintenance activities in Liberty Global across PAN Europe.
- Handle tier-2 incident related to Horizon 4(EOS) & One Backoffice.
- Configure Titan Transcoder, Halo packager & VSPP for multiscreen, OTT & IPTV & troubleshoot issues related to Headend & CDN.
- Works on different componemts like recommendation Engine, Discovery services, Seachange backoffice.
- Designing and deploying dynamically scalable, available, fault-tolerant, and reliable applications on the Cloud
- Monitoring the server alerts through Kibana, Cloudtrail, Cloudwatch & Grafana.
- Manage STB firmware for prod, pre-prod and QA environment CPEs.

12 APR 2018 – 29 AUG 2019 – Bangalore, India

### **SENIOR ENGINEER – MEDIKIND**

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- The work includes providing support to different service provider related to Mediaroom, VSPP and Media Processing.
- Liaise with the Tier-3 & PDU team to help them to understand the issue faced by the customers and improve the systems.
- Provide the remote support to restore the system with minimum downtime.

- Involved in Proactive monitoring, Reactive Troubleshooting & Maintenance work for Mediafirst customer.
- Knowledge of AWS infrastructure and DevOps.
- Deploy, manage, and operate scalable, highly available, and fault-tolerant systems.

22 SEP 2016 – 29 MAR 2018 – Bharuch, India

#### **ASSISTANT MANAGER – VIDEOCON D2H**

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- Design and integration of the Cisco video system of approximately 350 24x7 TV channels & a backup 14 in-house playout system at Videocon DR site.
- Management of the implementation of any new activity/ technological developments.
- Set-up a complete IP-based Cisco Video Headend for 350 SD/50 HD services & a parallel SDI based Evertz video Headend chain for 50 services.
- Made different test cases to test all equipment to check the working condition of equipments & for UAT testing.
- Involvement in installation and configuration of Cisco CAS & assisted with Cisco Team & Troubleshooting of issues related to video Headend equipment and servers.
- Successful integrated & configured Omneon playout system for 12 SD/2 HD in-house services and automation did use third-party Pebble beach system and integrate with AWS S3.
- Experience in Red Hat -7, AWS cloud computing.
- Experience of Broadcast video/audio codecs & formats.

1 MAR 2016 – 17 SEP 2016 – Bangalore, India

#### **ASSISTANT MANAGER – LUKUP MEDIA**

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- Integration, Configuration & Maintenance of IP-based Envivio video Headend & Mediaroom for OTT & IPTV Multiscreen services at Lukup Media Pvt. Ltd.
- QC of video services as per standards using Quality analyzer tools.
- Good exposure of Video streaming standards i.e. HLS & MPEG-DASH.
- Working on Envivio equipment's i.e. IP-based IRD for baseband, Muse, Load-Balancer, Origin server.
- Tested Lukup player (Lukup in-house Player & Mobile Application) to find bugs.

3 SEP 2014 – FEB 2016 – Bangalore, India

#### **SENIOR ENGINEER – SITI CABLE**

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- Integrated a parallel Ericsson video compression chain to handle 250 SD/30 HD service along with Luminance and Scopus video compression system
- Basically, I was working on MPEG-2 video Headend to deliver video services.
- Experience of Integration, configuration & installation of digital cable Headend.
- Management of all video equipment IRD, Encoder, Multiplexer, Modulator through NMS (nCompass version 7) and managing Bandwidth as per the channel line-up
- Depth knowledge of day-to-day activities like Creating Transport Stream, addition or deletion of services, DVB & MPEG table update, DU update, SSU update etc.
- Good working experience on Barrowa and Scopus PSI/SI servers.
- Working experience with different NMS like Luminance NMS, nCompass 7.
- Good hands on in using dektec TS analyzer, TS reader analyzer and Wireshark analyzer.

17 OCT 2011 – 30 AUG 2014 – Bangalore, India

#### **ENGINEER – BHARTI AIRTEL**

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- Troubleshoot the issues in RF system as well as Program acquisition system
- Worked on RF system equipment i.e. KHPA, UPC, Equalizer, ACU etc.
- Worked on DR site Headend equipped with Harmonic Inc. equipment's (Electra, Proview, Prostream etc.) & 3<sup>rd</sup> party equipments.
- Managed the quality of Headend services by Harmonic NMX & MVIP for monitoring the services for Airtel Digital TV & Airtel IPTV.
- Knowledge of NDS CAS system & Headend-CAS architecture. Performed day to day CAS activities.

## ● EDUCATION AND TRAINING

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14 AUG 2007 – 15 JUL 2011 – Rourkela, India

**BACHELOR IN TECHNOLOGY** – Biju Patnaik University of Technology

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**Address** 6RW9+WJ5, Chhend Colony, Rourkela, India | **Website** <https://www.bput.ac.in/>

## ● LANGUAGE SKILLS

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Mother tongue(s): **HINDI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C2	C2	C2	C2	C2

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## ● DIGITAL SKILLS

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### **My Digital Skills**

MPEG\_DASH | HLS | IPTV System | Good command of Linux Operating System | Transcoding and video codecs | JSONXML | XML - basis knowledge. | Streaming multimedia | DTV | Streaming audio/video | Basic skills in programming with Python | Cloud platform: AWS, GCP etc. | AWS Media Live | AWS, AWS Lambda | EPG | Video Backoffice | DRM | Git | Python | Docker | Linux | JSON