Rahul Nayak

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Github: https://github.com/nayakrahul   **Medium blogs:** https://medium.com/@booyakarahul

Education

2016   **Bachelors in Technology - Computer Science** from **Indian Institute of Technology, Kanpur**

Work Experience

Software Engineer at Y Media Labs, Bangalore   *Jul, 2017 – Present*

- Built **supporting backends** for various **Alexa skills** that uses the **APIs** from **Alexa Skills Kit**
- Built various **bots** for **Messenger platform**
- Designed and developed several **server-side RESTful services** involving **database interaction**
- Worked on transforming an application from **monolithic** to **microservice architecture** thereby making each service running in **docker containers independently deployable**
- Ensured **smooth functioning** and **performance** of the built services
- Responded to **critical problems** of systems by preparation of complex codes
- Worked extensively on **Data Science** field
- Worked on **Big Data** tools like **Apache Spark, Hadoop, Hive, Pig** and **Azure Event Hubs**
- Developed **terraform modules** for various **AWS services** like **EC2**, **EMR**, **S3**, **Lambda** and **RDS** to interact with them
- Drove **new and innovative solutions** and built **POCs** to meet **business needs**
- Collaborated with co-workers on backend tools and stuffs
- Won **YML Hackathon 2018** in **Innovative/Futuristic** category

Software Engineer at Practo Technologies Pvt. Ltd, Bangalore   *Sep, 2016 – Jun, 2017*

- Was a part of **Practo Drive Team** to give users a **common platform** for all useful information retrieved from **various Practo products**
- Integrated **images shared** during **consult** into **Patient Drive** by pushing the **image urls** along with other information in a **Beanstalk queue** and then retrieving them to insert images into **S3 Bucket** and other information in **MySQL database**
- Worked on frontend too using **ReactJS** and **Sass** (CSS extension language)
- Modified the **sending pattern** of **SMS messages** for r**ecords shared** by following certain rules

Skills & Abilities

- **Languages** - C, C++, .NET Core, Python, Ruby, Haskell, Java, HTML, Sass, ReactJS
- **Tools** – Git, Sentry, AWS, Apache Spark, Apache Solr, Apache Hadoop, Apache Pig, Apache Hive, Terraform, Docker
- **Data Science Tools** - Pandas, Numpy, Matplotlib
- **Database** - MySQL, Microsoft SQL
- **Operating Systems** - Windows, Linux, Mac OS

Github Projects

- **Two Player Chess Game - https://github.com/nayakrahul/haskell-chess**
- **Cricket-CLI - https://github.com/nayakrahul/cricket-cli**
- **Attendance Marker - https://github.com/nayakrahul/AttendenceMarker**
- **Perl to MIPS compiler - https://github.com/nayakrahul/PerlCompiler**