Pawan Kumar

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EDUCATION

- **Indian Institute of Technology, Kanpur** — Kanpur, India
  Masters in Computer Science; GPA: 8.33/10 — *July 2016 - May 2018*
- **Indian Institute of Technology, Guwahati** — Guwahati, India
  B.tech in Computer Science and Engineering; GPA: 7.80/10 — *July 2010 - May 2014*

SKILLS SUMMARY

- **Languages**: Java, C, C++, C#, JavaScript, Python, SQL, Unix scripting
- **Tools**: Git, Latex, Docker
- **Technology**: Spring Boot, Hadoop, Hive, HBase, Spark, ELK Stack, Kafka, GraphQL, Druid, React, Angular, Neo4j, Express, Electron, Redis, MongoDB

EXPERIENCE

- **o9 Solutions** — Bangalore, IN
  Associate — *Aug 2021 - Current*
  - **Live Server**: Wrote a Graphcube service plugin to compute Buckets of Supply (BoS) in customized way.
    Tools/Technology used: C#, SQL SERVER, REDIS, SOLR, MONGODB.
  - **Audit Trail**: Worked on implementation of Auditing all the transactions happening on the dataset.
    Tools/Technology used: JAVA, SPRING-BOOT, HBASE, SOLR.

- **Goldman Sachs** — Bangalore, IN
  Associate — *Jan 2021 - July 2021*
  - **Lumos**: Started working on enhancing a GS internal desktop tool called LUMOS. The objective is to bring all the open workflows/tickets/notifications for all the GS employees in one desktop app.
    Tools/Technology used: ANGULAR, ELECTRON, JAVASCRIPT.

- **Eureka Analytics** — Bangalore, IN
  Software Engineer — *June 2018 - Jan 2021*
  - **Eureka Omni**: Worked on a tool called Omni which can create a dashboard through custom templates and add pre-existing or new widgets to create reports in various formats and share with the clients.
    Tools/Technology Used: CUBE.JS, SPRING BOOT, REACT.
  - **Contact Tracing**: Trace a user using Telco Data to find potential sources of infection for Covid-19. Proper mechanism to handle user's consent. Use Point of Interests to jog the memory of the user to find potential infection sources.
    Tools/Technology Used: DRUID, LEAFLET, SPRING BOOT, REACT.
  - **Data Pipeline for Telco Dataset**: Built tool named "pipecore" which can automate the transformation of data from any Telco to Eureka format upon which AI engines can run. Additionally, it supported transferring data from one database to other. e.g. Hive to Elasticsearch.
    Tools/Technology Used: JAVA, HADOOP, OOZIE, SPARK, HIVE, PYTHON, ELASTICSEARCH, KIBANA.
  - **Eureka User Profile Store**: Built the User Interface and backend for exploring the Telco Users and create a specific section of users based on various filters. Developed various data visualization charts based on the dynamic filters selected. Additionally, the segment of users created can be used as base users for creating dynamic dashboards.
    Tools/Technology Used: REACT, ELASTICSEARCH, SPRING BOOT, BOOTSTRAP, CHART-JS.

- **Samsung Research Institute** — Bangalore, IN
  Software Engineer — *June 2014 - July 2016*
  - **Splitbilling**: Developed separate billing system using which system admin can monitor call/SMS/data usage for personal and enterprise usage separately through a dashboard.
    Tools/Technology used: PYTHON, MONGODB, FLASK, JAVASCRIPT, BOOTSTRAP.
  - **Email Glue**: Worked on automation of tasks/events creation based on email content and hence enabling zero-inbox policy for Samsung email app. Additionally, developed a Google Drive add-on for Samsung Email using which mail attachments can be directly integrated with Google drive.
    Tools/Technology Used: ANDROID, JAVA, GOOGLE DRIVE SDK.