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| Aakash Gupta  Personal Info  Phone  +91 9210985811  E-mail  aakash.gupta96@outlook.com  LinkedIn  www.linkedin.com/in/aakashgupta96  GitHub  https://github.com/aakashgupta96  Domain Skills  Data Structures  Analysis and Design of Algorithms  Object Oriented Programming  Big Data Processing  Database Management  UNIX Based Operating Systems  Programming Languages   |  |  | | --- | --- | | C/C++ | Java | | Ruby | JavaScript | | Python | Scala |   Front End Technologies   |  |  | | --- | --- | | ReactJS / Redux | HTML/CSS | | Canvas | KineticJS |   Back End Technologies   |  |  | | --- | --- | | Spring Boot | Ruby on Rails | | Spark | Kafka |   Machine Learning  Keras with TensorFlow Back-End  ScikitLearn Library  Supervised Learning Algorithms  Clustering Algorithms | **Education**   |  |  |  |  | | --- | --- | --- | --- | | **Year** | **Degree/Exam** | **Institute** | **CGPA / Marks (%)** | | 2014-2018 | B.E. Computer Engineering | NSIT, University of Delhi | 75.65% | | 2014 | Class XII (CBSE) | RPVV, New Delhi | 95.2% | | 2012 | Class X (CBSE) | RPVV, New Delhi | 10 CGPA |   **Work Experience**  **Software Development Engineer at Walmart Labs August 2018 - Present**   * **Tech Lead of Mainframe to Cloud Project for Japan market March 2020 - Aug 2020**    + Delivered MDM proxy services which gives info of Items and Suppliers of Walmart.   + Delivered 2-way data pipeline to keep data in sync of DB2 and Mongo DB for receivings domain.   + Delivered location service which gives information of all the Walmart stores.   + Team consisted of 5 developers.   + **Technology Used**: Java8, Spring Boot, Azure Event Hub (Kafka), Cosmos DB (Mongo API) * **Developer in Finance Big Data Platform March 2020 - Present**    + Contributed in designing and building finance data platform from scratch.   + Developed a generic framework over Spark for writing data processing jobs.   + Integrated framework with centralized logging and key-vault.   + **Technologies Used**: Scala, Spark, Delta Lake, Azure Databricks. * **Developer in US/CA Market Finance Data Services Project May 2019 – March 2020**    + ETL pipeline to migrate bulk data (3 Billion Records) from SQL DB2 DB to NoSQL Mongo DB.   + NRT pipeline to sync data in live data sources i.e. DB2 and MongoDB.   + Item price service to provide data of previous and current item price at store level.   + Setup of GSLBs for HA and Disaster Recovery of backend services.   + **Technologies Used**: Java8, Spring Boot, Spring Batch, Spring Cloud Stream, Redis, MySQL, RabbitMQ, Kafka Connect, Kafka. * **Full Stack Developer in APIE Project August 2018 – May 2019**    + Developed paginated dashboard UI for searching and filtering data.   + Developed backend search and filter APIs for user dashboard.   + **Technologies Used**: Java8, Spring Boot, ReactJS, Redux for state management. * **DevOps**   + E2E CI/CD pipeline, platform designing and setup for deployment of micro-services.   + Proposed optimal resource grouping for Azure Cloud and hence reduced operational cost.   + **Technologies Used**: Docker, Azure DevOps, OneOps, Looper (Jenkins), Concord (Orchestration Tool)   **Lead Developer and Owner at Shuriken Live December 2016 – March 2018**   * **Features**   + Responsive Web-App for streaming live videos to social networking platforms like FB Live, YouTube Live, Periscope etc.   + Flexibility to do live polls on Facebook on page, user profile or groups.   + Easy share feature to multiple groups and pages for increasing/promoting content and gain viewership.   + Live at: <https://www.streamidea.com> * **Front End Technologies**: HTML/CSS, JavaScript, KineticJS/Canvas, Material Design. * **Back End Technologies**   + Integrated with Facebook APIs to start/stop/post live videos on users’ behalf.   + Ruby on Rails as back end tech stack, FFMPEG for video streaming.   + Asynchronous Job Processing using Redis and Resque Gem.   + Selenium headless browser with ChromeDriver, XvFB and ALSA for video/audio capture.   + PostgreSQL, integrated payments with PAYPAL and Instamojo. * **Deployment and Impact**   + AWS (Application and DB Servers) with Nginx as web server with SSL certificate.   + Digital Ocean for video streaming worker servers, Sentry for error detection.   + Globally used by 7000+ users. Social media managers of political parties are actively using the product to handle social platforms like FB Live and YouTube Live. |
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|  | **Data Science Intern at CodingNinjas March 2018 – July 2018**   * Data analysis of students’ performance and their engagements throughout the course for predicting their interest in joining another course in near future. * Trained neural network for same problem with 77% accuracy and integrated model with backend application for generating reports. * Created content for Machine Learning and Web Development courses.   **Software Developer Intern at Walmart Labs May 2017 – July 2017**   * Developed suite for integration and functional testing for Optimizer 2.0 * **Technologies Used**: TestNG Framework, Jenkins for regression testing job.   **Projects**  **Image Description Generator April 2018**   * + - * + Trained a deep neural network using RNNs to generate description of input image in English.         + Used Flickr8K dataset for training and used LSTM for maintaining state with context.         + **Technologies Used**: Python, Keras with TensorFlow Backend, Google Colab, RoR.   **Article Classification Filter February 2018**   * Implemented article classification using Supervised ML Algorithm (Multinomial Naïve-Bayes). * **GitHub URL**: <https://bit.ly/2tsy4Ka>   **Image Editor Tool January 2017**   * Front-end tool that has features like resizing, drag-drop and overlaying of images. * Implemented feature for overlaying images over video to add company specific logo before broadcasting. * **Technologies Used**: HTML, JavaScript, Canvas/KineticJS.   **Achievements**   * Mentored team to win 3rd position in Smart India Hackathon, 2018 (SIH) organized by MHRD and received an award of 50K INR. Idea was to streamline loan management * Won 3rd position in Walmart GTS GBS Hackathon, 2018. Idea was to use blockchain in procure to payment cycle. * Among the final 15 teams in Spark 2 - ShopClues Hackathon 2017. |
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