Akshat Jain

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EDUCATION

- **Indian Institute of Technology Patna** — Patna, India
  *Bachelor of Technology in Computer Science and Engineering. **CPI: 8.44*** — *July 2017 - May 2021 (Expected)*

WORK EXPERIENCE

- **Summer Analyst, Goldman Sachs**, *Remote.* — 18 May - 26 June, 2020
  - Developed and deployed a **Health Check Application using Spring Boot framework** from scratch.
  - Monitored microservices and generated real-time alerts on health status and request routing anomalies.
  - Stored the failure information to various Kafka topics and generated daily reports for the same.
  - Got exposure to technologies like **Java, Spring Boot, Apache Kafka, Apache Flink, Hazelcast**.

- **Software Engineering Intern, Grofers**, *Gurugram, India.* — 06 May - 09 July, 2019
  - Implemented end-to-end flow of generating bulk promotional codes.
  - Generated the promo codes in background using **Celery workers deployed on AWS EC2 instances.**
  - Worked on technologies ranging from **Flask, Postgres, AWS, Jenkins, Celery, Swagger Tools.**
  - **Reduced the time by a factor of ~275x** for the generation of 1 lakh bulk promo codes.

- **Google Summer of Code 2018, FOSSASIA**, *Remote.* — 14 May - 06 Aug, 2018
  - Worked on SUSI.AI project, which is a rule based Open Source personal assistant.
  - SUSI.AI Web Client: Made UI components using **ReactJS** following Material-UI Guidelines.
  - SUSI.AI Server: Implemented various APIs in **Java**. Also implemented a completely refined **User-Role Permissions Model** for various SUSI.AI Services. **(Project Report Link)**

PROJECTS

- **Pharmacy Management System:** Developed a software for the effective management of a pharmaceutical store with provision for various user roles using **PHP and MySQL**. **(Source Code Link)**
- **WhatsApp Direct Message:** Developed an Android application in **Java** which allows you to contact someone on WhatsApp without requiring you to save their contact. **(Source Code Link)**

PROGRAMMING SKILLS

- **Most experienced with:** JavaScript, ReactJS, Flask, Spring Boot, C++, Java, Python.
- **Some experience with:** Node.js, MongoDB, Django, PHP, PostgreSQL, Apache Kafka.
- **Familiar Tools:** Git, GitHub, Docker, Kubernetes, AWS, Jenkins.

OTHER ACHIEVEMENTS/EXTRACURRICULAR ACTIVITIES

- **Solved over 700 problems** on various competitive programming websites like Codeforces, UVa, SPOJ and CodeChef with a **highest rating of 1657 on Codeforces** and **1954 on CodeChef**.
- Achieved **global ranks of 7 in January Challenge 2020, 33 in January Lunchtime 2020 and 44 in January Cook-Off 2020 on CodeChef.**
- **Winner of Capture The Flag** event organised by Grofers competing against 80+ teams across all India.
- Recipient of **Udacity's PyTorch Challenge Scholarship from Facebook**.
- **Google Summer of Code 2019 Mentor:** Mentored Google Summer of Code 2019 students for FOSSASIA.
- **Google Code-in 2018 and 2019 Mentor:** Actively reviewed tasks and mentored students for FOSSASIA.
- **Featured speaker at FOSSASIA Open Tech Summit 2019** held in Singapore on March 14 - 17, 2019. Gave a talk on the user role permissions model implemented in SUSI.AI. **(Video Link)**
- **Overall Coordinator of NJACK**, the coding club of IIT Patna for the session **2019-20**.