Abhishek Sah

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EDUCATION

- **Indian Institute of Technology Jodhpur** — Jodhpur, India
  Bachelor of Technology in Computer Science and Engineering; CGPA: 6.7/10 — *June. 2015 – Present*

EXPERIENCE

- **GOJEK** — Bangalore, India
  https://www.gojek.io - Software Engineer Intern — *May 2018 - July 2018*
  - **Data Engineering Team**: Interned with this team to develop a data visualization application targeted for Android and iOS mobile devices. This application shows statistics related to all the internal product and services of the GOJEK app.
  - **Work**: Built a web app as a Rails API application to read time series data from InfluxDB central datastore of GOJEK. Mobile application was built using React Native framework. Worked with MVC architecture, CI/CD, time series data, REST specifications, snapshot testing(JEST), functional testings(RSpec)

PROJECTS

- **Opensent** — Mentor: Dr. Sumit Kalra
  Blockchain, Ethereum DApp — *Jan 2019 - Present*
  - **Work**: Implementing financial smart contracts using blockchain where government is one of the stakeholders. This platform allows government to impose required legal constraints on transactions running on a DApp.
  - **Tech Stack**: Node.js, web3js library and Ethereum platform   Github

- **Freya** — Mentor: Dr. Sumit Kalra
  Lambda architecture, Infrastructure orchestration — *July 2018 - Nov 2018*
  - **Work**: Built an in-house product for the institute to handle large amount of data and process it online. Automates the setup of Lambda architecture on local nodes(master-slave architecture) and setups a database engine to store post processing results.
  - **Tech Stack**: Node.js, Shell Script, Apache Hadoop, Apache Storm, Java   Github

- **Text to Image** — Mentor: Dr. Chiranjoy Chattopadhyay
  Natural Language Processing — *Aug 2017 - April 2018*
  - **Work**: Developed an application to take a scene description in natural language from an input file and output an image corresponding to that scene. Handled various complexities of natural language with different algorithms.
  - **Tech Stack**: Python, NLTK language library, Turtle graphics library   Github

- **Office of Student Placements, IITJ website**
  Web Development — *May 2017 - Sep 2017*
  - **Work**: Developed a website for the department to automate all placement activities for the year 2017-18. Visiting companies, students and department administration were the stakeholders of this website.
  - **Tech Stack**: Node.js, Express.js, MySQL, Bootstrap 4   Github

- **Email Classification** — Mentor: Dr. Gaurav Harit
  Machine Learning — *Jan 2017 - April 2017*
  - **Work**: Developed a chrome add-on to categorize an incoming email to a set of predefined classes (e.g. Business, Academics, SPAM). Implemented different machine learning algorithms such as Naive Bayes, k-NN and SVM
  - **Tech Stack**: C++, Python, JavaScript, Scikit-learn library   Github

ACHIEVEMENTS

- **ACM-ICPC Regionals**: Secured a team rank of 105 in ACM-ICPC Kolkata Kanpur Regionals 2017   Ranklist
- **Microsoft Hackathon**: Runner-up in a week long online hackathon Code.Fun.Do organised by Microsoft. Developed an android app using AZURE Services and PHP to search for hostels in a city. (Jan 2017)
- **IIT-JEE Advanced 2015**: Secured All India Rank 7463 in IIT-JEE 2015 which is in top 0.5% of the total candidates.

PROGRAMMING SKILLS

- **Languages**: C++, Ruby, Javascript, Java   **Technologies**: Node.js, Ruby on Rails, React Native, Docker