MANOJ KUMAR

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WORK EXPERIENCE

Jun/2018 – Present   Cogoport: **Software Engineer**

- As a Full Stack Developer, manages Cogoport's finance software development needs.
- Primary tools involve Postgres Database, Ruby on Rails as backend and ReactJS 16 monorepo architecture with hooks as front-end.
- Work involves are invoice life-cycle (generation to payment done), EU Invoices, Commision Invoices, dealing with forex margins, managing credit, ledgers, integrating payment methods (NEFT/Payment Gateway), reports generation, finance dashboards etc.
- Took initiative with breaking all finance code from the monolith to separate Rails Engine, changing database from Mongo DB to PostgreSQL.
- Developed forex system, special region discounts, credit terms, on boarding & operations of nbfcs all frontend & backend for 3 stakeholders for 2 platforms.

May/2017 – Jul/2017   **Cogoport:** Full Stack Web Intern

- Developed JS library for tracking user activity, problems with filling forms, placing orders.
- Developed React/Rails admin portal for the sales team to view user organizations, searches, managing orders.
- Written background jobs for air schedules of Cathy Pacific & Turkish Cargos on > 4000 ports.

Feb/2017 – Mar/2017   **JQuery Foundation:** QUnit Maintenance Contributor

- Revised old code of asserting functions, reduced code size to 15% of original in the library.

Dec/2016 – Jan/2017   **Winuall:** Backend Intern

- Developed from scratch an e-commerce platform backend on PHP Laravel JSON API of >50 GET, >15 PUT & POST routes with features of adding user-specific coupons, categorical discounts, special discounts.

EDUCATION

2014 – 2018   **National Institute of Technology, Hamirpur**   **CGPA: 8.2/10**

- Bachelors in Computer Science and optional neural networks, fuzzy logic design. Coursework included artificial intelligence, design and analysis of algorithms, compiler design, advanced operating system concepts.

2012 – 2014   **Vashistt Public CBSE School, Una**   **Score: 92.4/100**

- Senior Secondary Education in science mathematics.

PROJECTS

Oct/2017 – Apr/2018   **Abstractive Summarization**

- Achieved best scores in abstractive summarization for long texts using reinforcement learning in the encoder-decoder model using PyTorch framework & FloydHub for training.

Programming Paradigms: C++, Python, Ruby, JavaScript, MongoDB, Postgres

EXTRA ACTIVITIES

- Software Freedom Day 2016 facilitated Linux Installation fest in college where we did more than 150 Linux installations of 14 different Linux operating systems.
- Organized Linux command line workshop & college hackathon managed >100 participants.