

Tanuj Ahuja

Boston | Massachusetts | 02120 | +1 (857) 437-9415 ahuja.t@northeastern.edu
| <https://www.linkedin.com/in/tanujahuja/> <https://github.com/tanuj-ahuja>

Available: May – Dec 2022 Intern/Co-op

EDUCATION

Northeastern University, Boston, MA Sept. 2021 – Present
Khoury College of Computer Sciences Expected graduation: May 2023
Candidate for a Master of Science in Computer Science GPA: 4.0/4.0
Related courses: Programming Design Paradigm, Foundation of Artificial Intelligence (AI),

Guru Gobind Singh Indraprastha University, Delhi, India Sept 2020
Bachelor of Technology in Computer Science and Engineering, GPA: 9.2/10.0
Related courses: Object-Oriented Programming (OOP), Problem-Solving, Data Structure & Algorithm, Data Processing

TECHNICAL KNOWLEDGE

Languages: Python, Java, C/ C++, JavaScript, JS, Ruby, bash/shell scripting, GraphQL, SQL
Databases: PostgreSQL, Redshift, MySQL, NoSQL, DynamoDB, Firebase, Redis, Mongo DB, Relational database
Tools & Web technologies: Ruby on Rails, Node.js, ReactJS, HTML, CSS, REST APIs, SOAP, RESTful APIs, GIT
Operating Systems: MacOS, Linux /Unix, Windows
Cloud Technologies: AWS - Amazon Web Services, Docker, Lambda, Kinesis, Kafka, RDS, Elastic CS, S3, SQS, SNS, EC2, CI/CD, AWS EKS
Certifications: Algorithms in Java: Princeton University, Web Development With Rails: Michael Hartl, CS50: Harvard, Astronomer Certification: Apache Airflow Fundamentals

WORK EXPERIENCE

Postman, Bangalore, India June 2020 – Aug 2021
Software Engineer (SRE, DevOps, Microservices, Agile, Distributed Systems, Jira, Confluence, Datadog)

- Delivered near real time data to Data Analysts/Scientists by developing highly scalable ETL/EL Pipelines in Python, Nodejs on serverless compute (Lambda), while increasing efficiency by 30%.
- Infrastructure deployment on AWS (PaaS) EBS, ECS, EC2 in VPC for micro-services, thus reducing latency by 50%.
- Automated error handling in Data-Build-Tool jobs by orchestrating with Airflow leading to 10x productivity growth.

Ideal Village CCBUL, Bangalore, India Aug 2017 – Nov 2017
Software Engineering Intern (Full-stack – Mobile App + Web(MVC))

- Responsible for implementing, documenting, testing an employee management system in Java(mobile development), Ruby on Rails(web application), improving overall efficiency of company by 35%.
- Build interactive visualization using Google Maps API, leading to 50% growth in users.

PROJECTS

Redash, Open Source Contributor Jan 2020 – Mar 2020

- Introduced various improvements in Redash - data exports, limited download of records, support for DML queries, increasing security of data by 100%, and eliminating dependency on external tools.
- Technologies – React Native (Front-end), Flask(back-end), Cypress(unit test), JavaScript, Python, PostgreSQL.

Patient-Man Jan 2020 – April 2020

- Led development of a SaaS product(web) for managing patients in clinics, in use at few sites across North Delhi, India. Implemented features - vaccination reporting, custom notification for due vaccines, patient management, etc. reducing manual effort by 80%.
- Technologies – Django, Javascript, HTML, CSS, AJAX, jQuery, S3, IMB Cloud, Sidekiq, PostgreSQL, Heroku

INTERESTS/ACTIVITIES

-
- Contributed to 4 Open Source projects as a part of Hacker Oktoberfest 2017.
 - Scholarship of granted from Leiden University Medical Center (LUMC)(Computer Vision: GPU, CPU)(Machine Learning) to work on a research project.