KUNAL KUSHWAHA

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Projects: github.com/kunal-kushwaha   **Portfolio:** codecau.se/kunal   **Blogs:** dev.to/kunal

EDUCATION

Maharaja Agrasen Institute Of Technology, Delhi *2018 - 2022*
Bachelor of Technology (B.Tech) in Computer Science and Engineering

SKILLS

- **Languages:** Java, Python, Go, C++, JavaScript, TypeScript
- **Lib/Frameworks:** Node, React, jQuery, TensorFlow, Flask, Jest, JUnit
- **Tools:** Docker, Kubernetes, Quarkus, Build Tools, Monitoring, CI/CD
- **Platforms:** Google Cloud Platform, OpenShift, Heroku
- **Databases:** SQL, MongoDB, Elasticsearch, Cloud Databases

WORK EXPERIENCE & OPEN SOURCE CONTRIBUTIONS

Cloud Native Computing Foundation Intern - The Linux Foundation   *Oct 2020 - Present*
- Worked on Thanos, highly available Prometheus (monitoring) setup with long term storage.
- Implemented features, context & actions to increase observability & control for BlockViewer.

MLH Fellowship Team Leader - Major League Hacking   *Sept 2020 - Present*
- Mentored students & led standups, retros, show & tells.
- Assigned Open Source projects & debugged technical issues.

MLH Fellow - Major League Hacking (Internship)   *June 2020 - Aug 2020*
- Worked on Jest, Open Source JavaScript testing Framework by **Facebook**.
- Implemented & documented feature support to report individual testcases.

Google Summer of Code Mentor - Red Hat Middleware   *March 2020 - Aug 2020*
- Mentored students for improving Gradle support in the **Quarkus** framework.

Google Code-in Mentor - Red Hat Middleware   *Nov 2019 - Jan 2020*
- Mentored students to implement features in Kubernetes, Web & Middleware tech.

Google Summer of Code Developer - Red Hat Middleware   *May 2019 - Aug 2019*
- Completed fabric8io Java client project for handling **K8s** & **OpenShift** clusters.
- Implemented features & improved test coverage to support K8s resources via fluent dsl.

TA & Instructor - Coding Blocks, Noida (Java, Python, ML)   *Jan 2019 - May 2020*
- Instructed 250+ students of multiple batches to reinforce learning concepts.

TEACHING & VOLUNTEERING EXPERIENCE

- Instructed thousands of students for Python, ML, Development, Cloud (codecau.se/yt).
- Organized workshops for Google's **#IamRemarkable** initiative to empower the communities.
- **Python Mentor (AnitaB.org):** Conducted masterclasses for a group of 200+ students.
- Led workshops conducted by 'CodeChef for Schools' for Competitive Programming.

PROJECTS (AVAILABLE ON GITHUB)

- **Genetic, Evolutionary Algorithms** for COVID-19 Vaccines using an optimized Deep Learning method.
- Bundly- All in one Information Management System **(MERNG)** used by Fellows during the MLH Fellowship.
- Web app to change Music/Background based on the body posture using **TensorFlow.js**

LEADERSHIP & AWARDS

- **Professional Certifications:** Cloud Engineering with Google Cloud, Algorithms by Stanford.
- Awarded **1 of 550 rare Azure Community Hero** badgers for empowering the community.
- Udacity Nutanix Hybrid Cloud, Linux Foundation Training (LiFT) **Scholarship** Recipient.