

Aniket Pal

Portfolio: <https://aniketpal.vercel.app/>

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EDUCATION

National Institute of Technology Rourkela • <i>Bachelor of Technology - Electrical Engineering; CGPA: 7.61</i>	Odisha, India 2019 - Present
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SKILLS SUMMARY

Languages:	C++, C, JavaScript, Typescript, SQL, Bash, Golang
Frameworks:	ReactJS, Nextjs, Gatsby, React Native, Express, NodeJS, Flutter, Scikit learn, Pandas, Flask, VueJS
Databases:	MongoDB, MySQL, PostgreSQL, Firestore, SQLite
Tools:	Kubernetes, Docker, GIT, Firebase, Jest, Pytest, CircleCI, Mergify
Platforms:	Linux, Web, Windows, Mac, AWS, GCP, Azure, IBM Cloud

EXPERIENCE

Google Summer of Code - Internet Health Report • <i>GSoC Mentee</i>	Tokyo, Japan May 2022*
Developed software subsystem to add new plots showing speed test data collected by Measurement-Lab so that users can monitor how disconnections and routing events impact throughput. While providing the users with a quick lookup for the NDT test it becomes immensely important to co-relate IHR traffic analysis with Google and Cloudflare re-reports. Currently working on more features and automation.	
Barclays • <i>SWE Intern</i>	Pune, India May 2022 - July 2022
Joined as BA4 Intern worked on developing Java based utility tool set to extract fml file from MSPDN and pushed in KDB. Worked on DMO Auction report with modern state management solutions. Used Apache Superset and Apache Airflow to generate DAG flows and visualization scheduled tasks in a dynamic dashboard.	
Numocity • <i>GitHub Extern</i>	Bangalore, India Jan 2022 - April 2022
Researched and developed a tool to optimize the inventory of EV batteries for Charge Point Operators which ultimately increased the efficiency in the supply chain of the business. In the process developed an algorithm to determine SOH of the battery which is being used by BMS manufacturer.	
Major League Hacking • <i>MLH Fellow</i>	Remote Jan 2022 - Feb 2022
A fellowship program backed by Meta, Adobe, GitHub and AWS. Got selected in the global program which has an acceptance rate of less than 5 percent. Worked with multi cultured team consisting of developers from 4 continents on projects solving real world problem. Built out a portfolio of projects, experimented with new technologies such as Jekyll, Rust during a short, impactful hackathon sprint	

PROJECTS

Playground <i>NextJS, MongoDB, NodeJS, ExpressJS, Google Cloud Platform, TypeScript, JavaScript, Child Processes</i> : • Developed a software where in users can click picture of the code they have written in a paper. The OCR model extracts the code and the application fetches in the syntax highlighted code editor. Where in user gets to select the language and compile accordingly. Got funding from IBM to build the prototype of this application.
Donna <i>Flutter, Firebase, Golang, Text-to-Speech, Dart, Cloudinary, Docker</i> : • Donna is an application which makes sure specially able people never feel helpless. Not only it stores identities of the users but also let them store the statements which they use on a regular basis. The application has cards which when clicked reads out the statements using text-to-speech conversion middleware. There is also a provision where users can type their own statements and use them to communicate with others
Needs Official <i>React Native, NodeJS, MongoDB, ExpressJS, JavaScript, Lottie Animations</i> : • Worked as a freelancer to develop Needs official where end users can buy and sell anything they want for a college startup. Features such as multilevel authentication, Messaging, Caching for media assets, Gesture Handling, Push Notifications, Gesture handling along with modern UI with Lottie animations were added into the software

HONORS AND AWARDS

- Apr 2022 GitHub Campus Expert
- Dec 2021 Top 5 in Juspay Hackathon out of 2500
- Nov 2021 Top 20 in Reimagine Hackathon out of 50000* IBM
- Sept 2021 Overall winner at Teacher's Hack MLH
- Sept 2021 Second overall winner at Backyard Hacks 2.0 MLH
- June 2021 Judge and Mentor at H4I powered by PhonePe

EXTRA CURRICULAR ACTIVITIES

- May 2022 Freelancer Content Engineer at Mergify
- Feb 2022 Freelance Content Engineer at Alan AI
- May 2021 Lead Organizer Hackodisha powered by Postman
- July 2020 Founder and ex-President of Webwiz