PRATIK DAIGAVANE

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Github: github.com/pratikdaigavane   **Portfolio**: pratikd.in   **Blog**: blog.pratikd.in

EXPERIENCE

FAMPAY   *Jan 2021 – April 2021*
Backend Engineering Intern
- Developed a feature called "Pocket Money Autocollect" which enabled recurring payments over UPI.
- Improved existing client authentication to support JWT Authentication
- Worked on backend analytics events.

INTERVIEW MOCHA   *Oct 2019 – Dec 2020*
Full-Stack Development Intern
- Engineered a secure, robust, and highly scalable, API based Online Compiler, supporting 19 languages. (ide.interviewmocha.com)
- Accelerated the speed of judging a submission and scalability, with the capability to judge about 50 submissions a minute with a single worker instance and has judged 1,000,000 submissions till date.
- Explored new technologies like Django, PostgreSQL, RabbitMQ, Docker, Azure VM, Kubernetes.

INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY   *Apr 2020 – Jun 2020*
FOSSEE Summer Fellow
- Developed a Video Processing System for an open-source platform "Spoken Tutorial" which is an educational content portal of IIT Bombay (github.com/frg-fossee/spoken-website)
- Technologies used include FFmpeg, Django, React, Celery, Redis, MySQL.

EDUCATION

PUNE INSTITUTE OF COMPUTER TECHNOLOGY – Pune BE (IT)   *2018 - 2022*
Bachelor of Engineering, Information Technology
Cumulative GPA: 9.36/10

PROJECTS

(More projects available on Github -**github.com/pratikdaigavane**)
REALTIME CODE COLLABORATION AND EXECUTION PLATFORM
(executeit.ml)
- Realtime code modification by multiple users, voice and text chat for easy communication.
- A dedicated, secure Linux environment for each room, and a terminal for each user.
- Used Node.js, MongoDB, Docker, Redis, WebRTC with React for client.

FINANCE IT
(github.com/Finance-It/Finance-It)
- Crowdfunding Platform for Start-Ups and SMEs
- Used Django, PostgreSQL, Celery, Redis and React

A2OJ ENHANCER
(bit.ly/a2oj-enhancer)
- Cross-browser extension that enhances the functionality of A^2 Online Judge.
- A2OJ is an online judge who was discontinued recently, and the static version is only available now. This extension makes it dynamic again.
- This project has gained 1000+ active users since its inception.

SKILLS

- **Programming Languages -** Javascript, C++, Python
- **Web Development -** Node, Django, React, REST, GraphQL
- **DevOps & Cloud Computing -** Git, Docker, CI/CD, AWS

ACCOMPLISHMENTS

- **1st rank in Eduthon -** A national level hackathon for education by IIIT Lucknow with 600+ participants. Project - **Realtime Code Collaboration Platform**
- **Finalists** in Razorpay FTX Hackathon 2020.

POSITION OF RESPONSIBILITIES & EXTRA-CURRICULAR

- **Technical Head** at PICT ACM Student Chapter
- **Cloud Lead** at Developer Students Club, PICT Pune
- Conducted sessions on Linux and Git, Backend development, and web development for 100+ attendees through PICT ACM Student Chapter.