Akshay Pai

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EDUCATION

NIT TRICHY
BTech in CS
Expected May 2020 | Trichy, India
Cum. GPA: 8.3 / 10.0

LINKS

Github:// **paiakshay998**
LinkedIn:// **akshay-pai**
Medium:// **PaiAkshay998**

COURSEWORK

UNDERGRADUATE
Data Structures Algorithms
Discrete Mathematics
Linear Algebra
Combinatorics Graph Theory
Computer Organization
Operating System
Operation Research
Networks and Communication
Finte Automata

SKILLS

PROGRAMMING
Over 5000 lines:
JavaScript • Python
Over 1000 lines:
Golang • Java • C++
Familiar:
PHP • Git • MySQL • Solidity

WEB DEVELOPMENT
HTML • CSS • jQuery • Laravel
• Django • Flask • ReactJS
• MobX • Bootstrap

EXPERIENCE

ARCESIUM | SOFTWARE DEVELOPER INTERN
May 2019 - July 2019 | Hyderabad
- Built an automated solution for creation and generation of new categories of financial documents.
- **Reduced time** to setup and generate these new categories by **over 40%**
- Designed and coded a **REST API** for the backend along with an interactive UI in **ReactJS and MobX.**

MISTAY | FULL STACK WEB DEVELOPER
May 2018 – July 2018 | Bangalore
- Worked on a hotel room allocation dashboard and integrated a nearby landmarks feature for hotels.
- Wrote APIs with **Django Framework**. Front-End development with **ReactJS**.
- All code was reviewed and pushed to production

DELTA FORCE | SOFTWARE DEVELOPER
August 2017 – Present | National Institute of Technology, Tiruchirappalli
- Core Member of the programming club of NIT Trichy
- Developed web applications for university related activities, student community and techno-management festivals.

PROJECTS

DALAL STREET 2018 Jan 2018 - Mar 2018 | Github
- A multiplayer virtual stock market game, with a server that provides a **gRPC API** written in **Golang** to support **hundreds of concurrent requests**.
- Lead a team of programmers to make a realtime virtual stock market with interactive UI written in **ReactJS**.

DMAPS 2018 Aug 2018 | Github
- Built a decentralized alternative for Google Maps. The application was built on **Ethereum**. Smart contract was written in **Solidity** and front end with **JavaScript**.
- **Winning project** at ETHIndia - Asia's largest Ethereum Blockchain Hackathon.

SAGES 2018 Oct 2018 | Github
- A decentralized Competitive Coding platform which allows users to host contests, join contests, write code and submit codes with no central point of authority or failure.
- The application was built in **Python** using Socket API.

WORKGEN 2019 July 2018 | Github
- WorkGen is a collaboration with TeachForIndia in an effort to use technology to aid teachers around the country by automating question paper generation
- Lead a team of programmers to build a **Django** web application to help teachers generate customized question papers on a student level basis
- Has already been **adopted by several cities** in the TeachForIndia organization

AWARDS AND ACHEIVEMENTS

2018	Winner/70+ Teams	ETHIndia - Asia's biggest Ethereum Hackathon
2019	Winner/50+ Teams	Webbed - SpeedDev Event, Vortex NIT Trichy