

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 | Hyderabad

- Worked on automating process of creating new Report Generators
- Wrote a backend application in Java to provide new endpoints for creating new report generators along with an interactive UI in React and MobX.

MISTAY | FULL STACK WEB DEVELOPER

May 2018 - July | Bangalore

- Front-End web development with ReactJS. Wrote components for applications used by hoteliers and MiStay team.
- Wrote APIs for the system with Django and MySQL.
- All code was reviewed, perfected and pushed to production.

DELTA FORCE | SOFTWARE DEVELOPER

August 2017 - Present | National Institute of Technology, Tiruchirappalli

- Software developer at the college's most elite programming club. Member of NIT Trichy Webteam.
- Worked on Pragyam and Festember Backend API and Frontend.

PROJECTS

DALAL STREET 2018 Jan 2018 - Mar 2018 | Trichy , India

- 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.
- Used gRPC to support hundreds of concurrent mobile, web and bot clients.

DMAPS 2018 Aug 2018 | Bangalore , India

- Built a decentralized alternative for Google Maps. The blockchain 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 | Bangalore , India

- 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 written entirely in Python.

WORKGEN 2019 July 2018 | Trichy , India

- WorkGen is a collaboration with TeachForIndia in an effort to use technology to aid teachers around the country by automating question paper generation
- Wrote 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