Neel Akash

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EDUCATION

NIT - TRICHY
BTech in Computer Science
Expected May 2020 | Trichy, India
Cum. GPA: 8.47 | (current)

MAHARISHI VIDYA MANDIR
Grad. May 2016 | Chennai, India
Graduating Percentage : 96.4%

LINKS

Github:// theofficialneel
LinkedIn:// NeelAkash

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
Computer Architecture
Operating Systems
Automata and Formal Languages
Data Comm. and Networking
Database Management Systems
Data Warehousing and Data Mining
Microprocessors and
Microcontrollers
Principles of Cryptography
Mobile Applications Development
Machine Learning

SKILLS

PROGRAMMING
Languages :
C/C++ • Python • Java

Web Development :
HTML • CSS • JS • BootStrap
JQuery • React • Redux • MobX
PHP • NodeJs • Express • Flask

Familiar :
SQL • Git • Vim

EXPERIENCE

ARCESIUM | Software Developer Intern
May - July 2019 | Hyderabad
- Front-End Dev using ReactJS+MobX to display financial reports like balance sheets, income statements etc.
- Back-End Dev in Java to help the UI display report based on several inputs.
- Tested code using JUnit+Mockito and improved overall code coverage.

GMETRI STUDIO, VR/AR | Full-stack Web Developer
May - June 2018 | Bangalore | gmetri.com
Providing VR/AR solutions to big clients such as Reliance, Bosch etc.
- Front-End Dev using ReactJS+Redux and React360 to meet demands of clients.
- Created a Data-flow Graph creator to link components using react-diagrams.
- Back-End Dev using NodeJs+Express, SQL and Docker.

NTALENTS AI, IIMB | Full-stack Engineer
December 2017 | IIMB | ntalents.ai
A start-up incubated in NSRCEL, IIMB which creates an AI based talent assessment.
- Front-End Dev using Bootstrap to create the Company's Website.
- Wrote components and improved UI for the Web-App which collects data.
- Worked with JQuery + Flask (with MVC) stack. Used Celery, RabbitMQ, WebRTC and other tech.

DELTA FORCE, NITT | Software Developer
July 2017 - Present | NIT - Trichy | delta.nitt.edu
The programming club of NIT Trichy, which handles most of the development work for various college activities and festivals.
- Manager in the WebOps teams of Festember, Pragyan and Nittfest.
- Maintaining the Institute's official website.
- Conducted Algorithmic / Coding workshops for over 100 freshers.

PROJECTS

CODE CHARACTER | Jan - Feb 2019
web source | renderer source
An AI programming challenge for the annual tech fest Pragyan, where players, using a high level API provided, control troops and destroy towers in a real-time strategy simulation.
- 10,000+ matches by 1,300+ players from over 70 countries.
- Created the renderer to display the game engine's simulation on the web using PixiJs and React.

FESTEMBER & PRAGYAN | Aug 2017 & Feb 2018
festember.com | PCA
- Part of the team which developed the frontend using a CMS (Github Link).
- Worked on the Pragyan Campus Ambassador Portal and Projects Portal.
- Front-end using ReactJS and Back-end using Flask.

AWARDS

| 2017 | 2nd | Shark Tank Event, E-Cell |
| 2016 | top300 | KVPY fellow |