

ARAVINTH R

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EDUCATION

Vellore Institute of Technology, Vellore

M.Tech Computer Science and Engineering

July 2019 – Present

CGPA - 8.69/10

S.R.V Matriculation Higher Secondary School

Higher Secondary Education [Class XII]

June 2018 – May 2019

Percentage - 82.66 %

TECHNICAL SKILLS

Programming Languages: C/C++, Java, Python

Frontend Development: Javascript, ReactJS, HTML, CSS

Backend Development: Node.js, Express.js

Dev Tools: Git, Docker, Jira, Kibana, Hotjar, Swagger, Postman

Cloud Platform: AWS

IDEs: Visual Studio Code, IntelliJ IDEA, Sublime Text

EXPERIENCE

NOKIA Networks - Graduate Internship

Automation

August 2023 – Present

Chennai, India

- Developed and implemented Python scripts for API automation, streamlining testing processes for routers and extenders.
- Demonstrated proficiency in Python scripting with the Robot Framework, ensuring thorough testing of networking products for smooth operation.
- Engaged in R&D and applied automation skills to enhance testing procedures, ensuring robust performance of cloud and mobile app components.

PROJECTS

ID Card Detection | *Python, Tensorflow*

[Source Code](#)

- Developed and integrated advanced TensorFlow object detection models to automate and enhance the ID card detection process, ensuring accuracy and efficiency in various applications.
- Potentially replace tedious manual verification methods with our powerful ID card detection system, offering applications in attendance tracking, access control, and security, thereby streamlining and modernizing identity verification workflows.

COVID 19 STATISTICS | *Python, Django, Rapid API*

[Source Code](#)

- Created a dynamic website using Django, integrating Rapid API for real-time COVID-19 statistics globally.
- Utilized HTML and CSS to design an intuitive user interface, ensuring a seamless and visually appealing experience for users accessing live COVID-19 data.
- Successfully deployed the website on Heroku, demonstrating proficiency in cloud deployment and enabling widespread accessibility to real-time pandemic statistics.

YelpCamp | *Javascript, MongoDB, Node.js*

[Source Code](#)

- Designed and implemented a campground review website using Node.js, Express, MongoDB, and Bootstrap, providing users with the ability to create and review campgrounds.
- Integrated Passport.js for robust user authentication, ensuring secure access to features like campground reviews and creation by requiring users to have an account.
- Employed Bootstrap to create a responsive and visually appealing user interface, enhancing the user experience for individuals accessing the YelpCamp website across various devices.

ACHIEVEMENTS, POSITIONS OF RESPONSIBILITY AND CERTIFICATIONS

Achievements: VIRTUSAHACK'20 - 3rd Place, Hack-O-Uplift - Top 20

Positions of Responsibility: Core Committee Member - Mozilla Firefox Club, Vellore Institute of Technology

Certifications: Introduction to iOS App Development with Swift5, Object-Oriented Data Structures in C++, Blockchain and Cryptocurrency Explained, Learn To Augment, Introduction to Machine Learning: Object Recognition and NLP with Tensorflow