Yadhukrishnan P

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EDUCATION

- **SSN College of Engineering** — Chennai, India
  Bachelor of Engineering in Computer Science; GPA: 8.35 — *Aug. 2017 – Jul. 2021*

- **DAV Public School** — Chennai, India
  Class XII; Percentage: 93.6 — *Jul. 2015 – Mar. 2017*

TECHNICAL SKILLS

- **Languages:** Python, C, C++, Java, HTML, CSS, SQL, Javascript, Ruby

- **Frameworks:** Pandas, Rails, ReactJS, Flask, ExpressJS

- **Others:** LaTeX, Microsoft Office, Google Cloud Platform

EXPERIENCE

- **Tesark Technologies** — Chennai, India
  Software Development Intern — *Dec 2019 - Jan 2020*
  - **Full stack development**: Learned Ruby on Rails and created an application for basic library management.
  - **Internal applications**: Developed a few pages for internal purposes using Ruby on Rails.

- **National Centre for Coastal Research** — Chennai, India
  UI Design and Development Intern — *Apr 2019 - May 2019*
  - **Front end Development**: Designed and implemented a dashboard for an internal fisheries application.
  - **Primary Testing**: Helped and aided in preliminary testing of the software.

- **Intellify** — Virtual
  Subject Matter Expert — *Nov 2019 - Dec 2019*
  - **Curation**: Curated new questions and solutions on Quantitative Reasoning in various difficulty levels for school students.

PROJECTS

- **Social Network Application**: Building a simple web application using ReactJS and ExpressJS to simulate social networking.
- **Unusual Event Detection**: Developed a mobile application that seamlessly updates data from a real-time database. Back-end was developed using an open source API to detect collisions and send live data to the real-time database.
- **Employability Rating System**: Developed a system that rates the employability of an applicant based on the data parsed from their resume.
- **Pneumonia Detection System**: Created an image classification model for predicting pneumonia using chest X-ray images. Integrated the model into a simple website which built using flask.

COURSES

- **Machine Learning, Cousera** Score: 99.6%

- **Python for Data Science, Coursera** Score: 100%

- **GCP Fundamentals, Coursera** Score: 97.7%

ACHIEVEMENTS

- **Competitive Programming**: Avid competitive coder and one of the top 1000 competitive coders in the country on CodeChef. Consistent participant on codeforces with peak rating of 1724.

- **Development**: Reached finals multiple times in college level hackathons.