Purna Srivatsa

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🔗 https://purnasrivatsa96.github.io/Portfolio-PurnaSrivatsa/

Education

Virginia Tech   **August 2021 – Present**
Master of Engineering in Computer Science - 3.9/4   *Blacksburg, Virginia*
- Coursework: Software Engineering, Deep learning

Birla Institute of Technology and Science, Pilani   **August 2015 – May 2019**
Bachelor of Engineering in Electronics and Communication   *Hyderabad, India*
- Relevant Coursework: Object Oriented Programming, Database Management systems, Data structures and Algorithms

Technical Skills

Languages: Python(Expert), Java(Proficient), C++(Proficient), HTML/CSS(Intermediate), JavaScript(Intermediate)
Technologies/Frameworks: Javascript, Node.js, React.js, C++, Python, Java, RabbitMQ, PostGreSQL

Experience

Tulip Interfaces   **May 2022 – Aug 2022**
Software Engineer Intern   *Boston, USA*
- Added to activity record history in Tulip app using React, Typescript, MongoDB, Postgresql and Golang.
- Added a new microservice that handled metaevents and acted as read/write service of machine data for other services. Used typescript and Rabbitmq for messaging.
- Added file upload and rendering support in multiple places in the app.
- Worked on improving existing features and bug fixes.

Deloitte USI   **June 2019 – Mar 2021**
Technology Analyst   *Hyderabad, India*
- Built full stack application in python that helped perform analysis of internal audio meetings in the firm.
- Built frontend in flask-HTML and wrote REST APIs for backend in python. Modified the code for optimizing performance and improving user experience
- Built and packaged pipeline for Document classification in Python and integrated it into clients' software which reduced time to review and classify documents by 90%.

Projects

Inventory Manager Web App | *ReactJS, Java springboot, Firebase*   **August 2022**
- Built entire frontend for client-side of the app
- Built Cart, Order placement, Processing, Order history pages
- Worked on authentication and built user profile management

Flight Booking manager App | *ReactJS, Java, SQL*   **November 2020**
- Built flight search and filtering modules

Research Visualizer Web application | *NodeJS, ExpressJS, MongoDB, Ajax, Bootstrap*   **January 2021**
- Developed a web application for researchers to manage and visualize research papers.
- As part of a 4 member team worked on all phases of software - requirements, design, development, deployment.