Bhargav Vummadi

Software Developer

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EDUCATION

Master of Computer Science, *University of Oklahoma* — August 2021 — Present
Bachelor of Technology in Computer Science and Engineering, *LBRCE, India* — 2016-2020

SKILLS

Tools and Languages	Python, Git, LaTeX,GitLab, MarkDown, Java, Javascript,React JS,Node JS, Next JS, SpringBoot, Figma, Adobe XD, Postman API,JFrog Artifactory, Bash scripting,Unity 3D
Databases	MySQL, SQLite, Firebase, MongoDB
Operating Systems	Windows, Linux
Cloud and tools	Google Cloud Platform , Google colab
Miscellaneous	Agile Methodology

TECHNICAL EXPERIENCE

Software Developer Intern — March 2022 — Present
Paycom Payroll — *Irving, Texas*
- Developed an internal analytical tool which gives a very good insights for the company.
  - Made some beautiful frontend development
  - Responsible for api development, Jfrog artifactory querying and database management
    Hackathon: Developed tournament brackets application
    Tech stack! React JS, Next JS and MYSQL

Graduate Research Assistant — October 2021 — Present
University of Oklahoma — *Norman, Oklahoma*
- Developed a web application for visualizing graphs and data.
  - Made authentication and users can upload their own data.
  - Responsible for the full-stack application. Made both the frontend and backend
  - Visualizing with graphs which are generated using python and paraview
  - Deployed website using Google cloud windows instance
  - Responsible for server maintenance (monitoring and developing CI/CD)
    Tech stack! HTML5, CSS3, ES6 , Python flask, SQLite

- Developed windows standalone application with consistent to the web application.
  - Made sure same functionality available across the web application and standalone application.
    Tech stack! Java swings, Eclipse, SQLite

Assistant System Engineer — September 2020— April 2021
Tata Consultancy Service Limited — *Hyderabad, India*
- Developed internal web application. Responsible for frontend development.
- Completed E3 efficiency level in React JS development course.
- Underwent Java SpringBoot training and Salesforce training.

Machine Learning Intern — May 2019 — July 2019
Verzeo — *Hyderabad, India*
- Developed a ML attendance monitoring application
- Learnt different ML models and their working

Software Development Intern(IOT) — May 2018 — June 2018
SytiqHUB — *Vijayawada, India*
- Developed an embedded c code for accident avoiding prototype car.
- Developed an embedded c code for automating furniture in household.
- Learnt about different sensor and MCU's (Arduino and Raspberry pie).

ACHIEVEMENTS

Receiver of JCR Fellowship Award, University of Oklahoma
Published Research Paper on Song Genre Classification in International Journal of Advanced Science and Technology.
Team Lead for both the major and minor projects in undergrad.
Certified as elite candidate in C and DBMS by National Programme on Technology Enhanced Learning (NPTEL India).
Successfully developed website for ALUMNI students during my undergrad and a member of Incubation Center in undergrad.