

# Hemant Palavali

Software Engineer

✉ hemantreddy96@gmail.com

☎ 939-666-6644

🏠 hemantreddy.com

🐙 github.com/hemantreddy22

## Relevant Experience

### Backend Engineer @ Springworks

October 2018 - Present // Bengaluru, IN

- Designing, building, testing REST APIs and microservices architectures for various projects. One of which is a task management application similar to JIRA using Node.js and MongoDB
- Built slack bot to notify users of a workspace when a task was assigned or if and when asked for a review
- Conducted various hackathons, built problem statements and testcases
- Mentor Interns and extensively participate in code-reviews

### Full Stack Developer Intern @ SOAL

Jan 2019 - August 2019 // Hyderabad, IN

- Worked with a team of four engineers to build a recommendation system for a student portal web application using Tensorflow.js, Node.js and React
- This application was used to recommend the courses where student could improve and suggest classmates for pair programming based on the competency levels of both the students.

### Analytics Intern @ Tech Mahindra

June 2019 - December 2018 // Hyderabad, IN

- Designed and developed a system to automate the process of making PowerPoint reports by extracting data directly from ticket logs on service now system using pandas and ggplot libraries, reducing the time consumption by over 40%

## Projects

### MedSafe

- Built a medical data storage application using react and node. A certified doctor would be authorized to view a patient's medical history in case of exigency
- Presented and pitched this solution to various angel investors

### Student Performance Prediction System

- Developed a student performance prediction cum warning application aimed at alerting students as well as teachers of a potential failing grade to a student in class
- Used Naïve Bayes Classifier and Support Vector Machine for classification of the data
- The accuracy of prediction was over 84%

### DevConnector

- Designed and developed a medical data storage application using react and node.
- A certified doctor would be authorized to view a patient's medical history in case of exigency
- Presented and pitched this solution to various angel investors

## Skills

### Programming Languages

Javascript, Typescript Python, Java, HTML, CSS, GraphQL, SQL

### Databases

MySQL, MongoDB, CouchDB

### Libraries & Frameworks

Node, Express, React, Numpy, Pandas, GgPlot, TensorFlow

### Tools & Platforms

Git, Netlify, Heroku, Docker, AWS, Firebase, Algolia

### Testing Tools

Chai, Mocha, Sinon

## Education

### Jawaharlal Nehru Technological University

2014 - 2018 // Hyderabad, IN

Bachelor of Technology in Computer Science and Engineering.

### FIITJEE

2012 - 2014 // Hyderabad, IN

High School Degree.