

Hemant Palavali

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EDUCATION

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

August 2014 – May 2018 // Hyderabad, India

Bachelor of Technology in Computer Science & Engineering

Coursework: Advanced Data Structures, Database Management Systems, Distributed Systems

FITJEE

April 2012 – March 2014 // Hyderabad, India

High School Degree

Coursework: Mathematics, Physics and Chemistry

SKILLS

Programming Languages: Java, JavaScript, TypeScript, HTML

Databases: MySQL, MongoDB, CouchDB, PostgreSQL

Libraries and Frameworks: Node, Express, React

Tools and Platforms: Git, Netlify, Heroku, Docker, AWS, Firebase, Algolia

Testing Tools: Chai, Mocha, Sinon

RELEVANT EXPERIENCE

Backend Engineer – Consultant @ SPRINGROLE

October 2019 – Present // Bangalore, India

- Developing microservice architecture for a dating app to handle the media, user engagement functionalities such as liking and disliking, notifications to all the mobile devices on various event triggers using TypeScript, Node.js and Python
- Decreased the notification delivery time by 80% by creating hooks for particular events which triggered the notifications
- Developed a client and business collaboration platform to allow facilitate agile methodologies and ease the collaboration between the aforementioned two; starting from inception to the end of a project
- The functionalities include creation of tasks, assignment, handling proposal requests for new projects and provide a transparent picture on the progress of the project
- Planned and developed an application to monitor subscriptions and renewals of a stand-up comedy streaming service and utilise third party services (appsflyer & impact) to track revenue and decide the pay outs of content creators comedians
- Worked on developing a scheduling and tracking application for lawn mowing and agricultural equipment company to take orders, measure the ground area, provide estimates on costs and take contracts for myriad services

Full Stack Developer Intern @ SOAL

January 2019 – August 2019 // Hyderabad, India

- Worked on building a recommendation system for a student portal application using Tensorflow.js, Node.js and React
- The systems core functionality recommended a student's strong and lacking areas based upon various assessments and also provide student partner recommendations for pair programming exercises

Analytics Intern @ TECH MAHINDRA

July 2018 – Dec 2018 // Hyderabad, India

- Implemented a system to automate the task of creating reports on Power Point for the GE support team by extracting the data directly from the ticket logs, processing the data and visualizing the data using pandas and ggplot
 - This project is saving over 70%-man hours previously invested on the job
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PROJECTS

MEDSAFE

- Built a medical data storage and viewing application using React frontend framework and Node for backend application.
- The key feature of this application is to give authorised medical personnel access to a patient's medical records in case of exigency and contain the exacerbation of patient's complications

STUDENT PERFORMANCE PREDICTION SYSTEM

- Developed a student performance prediction cum warning system aimed at alerting a student along with the teacher in case a student shows potential of failing a particular class
- Used Naïve Bayes Classifier and Support Vector Machine for classification of data and achieved an accuracy of prediction of over 84%