

Revanth Chimmani

Software Engineer

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Career Objective

Experienced Professional and technically skilled Full Stack Developer with more than 2 years of experience as a key contributor to the development of web-application technology solutions for Front-end, Back-end, DevOps processes and to associate myself with a technically driven esteemed organisation by pursuing a challenging, dynamic, responsible and rewarding assistance and applying my technical skills and enthusiasm in a position for career growth in my technical field of interests.

Work Experience

- July '17 - Present **Software Engineer, Pyramid SoftSol Private Limited, Hyderabad.**
- Leverage Rasa.ai and developed a Healthcare AI virtual assistant which can book appointments, take vital readings etc.
 - Implemented Micro services based architecture on Kubernetes, Docker.
 - Hands on experience in developing Micro services using Spring MVC, Spring Hibernate, Spring Quartz, Spring JPA, Spring JDBC.
 - Understanding the client environment, Administrating and creating solutions using CI/CD, GIT, Kubernetes, Dockers.
 - Build data visualization using D3.js, ngx charts, and Chart.js on web and mobile application.
 - Developed web application leveraging Angular and Spring MVC hosted in a Tomcat web server.
 - Developed Hybrid mobile applications using Ionic 3.0 framework.
 - Involved in complete SDLC life cycle : Designing, Coding, Debugging, Testing and Production Support.
 - Experience in Agile Software Development using (Scrum and Kanban), JIRA.
- May'16 - Jul'16 **Summer Intern, NIT ROURKELA, Rourkela, Odisha.**
- Learned basic concepts of Computer vision.
 - Developed Automatic Vehicle Detection System implemented using Visual C++ code with OpenCV development kits.
- May'15 - Jul'15 **Summer Intern, IIIT HYDERABAD, Hyderabad, Telangana.**
- Learned game theory basics & designing using Unity 3D game platform and the C# language.
 - Developed a single-player game that would help patients by simulating a real-life temple environment like Tirumala Tirupati.

Technical skills

Languages	Python, Java, C++ JavaScript, HTML, CSS
Databases	MySQL, PL/SQL, Oracle
Frameworks	Angular5, Ionic3.0, Spring
Version Controller	Git, BitBucket
DevOps Stack	Docker, Jenkins, Helm charts, Kubernetes
Tools/ IDEs	Eclipse, VS Code, Pycharm, Jupyter MATLAB,Unity, MS server, Putty, WinSCP
Platforms	Linux, Windows 10

Education

- 2013 - 2017 **B.Tech In Computer Science And Engineering**, *National Institute of Technology Rourkela*, CGPA - 7.1/10.
- 2011 - 2013 **Intermediate - MPC**, *Sri Gayatri Junior College*, Hyderabad, Percentage - 97.90 .
- 2010 - 2011 **Matriculation**, *Aditya Concept High School*, Miryalguda, Percentage - 88.50.

Academic Projects

- Oct'16 - Apr'17 **Detection of Copy Move Forgery in Digital Images using SIFT**
This Application detects the copy-move forgery in an image. Implemented SIFT(Scale-Invariant Feature Transform) algorithm with DWT(Discrete Wavelet Transform) in Matlab to increase the performance. This type of applications is highly used in Image forensics.
- May'16 - Jul'16 **Automatic Vehicle Detection System**
This application detects and calculates the speed of vehicles. Implemented canny edge detection algorithm and HoughLines algorithm etc. Such an app is highly necessary for real-time scenarios like traffic surveillance.
- May'15 - Jul'15 **Rehabilitation Game**
This is an engaging application to hasten physical therapy for stroke victims.Developed using Unity 3D game platform. It is a one player game simulating a person who is trying to reach the temple by climbing steps, thereby providing an exercise to feet.
- Sep'14 - Nov'14 **Online Shopping Cart System**
A typical online store enables the customer to browse the firm's range of products and services, view photos or images of the products, along with information about the product specifications, features and prices. Online stores typically enable shoppers to use "search" features to find specific models, brands or items. Online Shopping Cart System is web-based project build using HTML, CSS, PHP & MySQL server.

Extra Curricular Activities

- Jul'14 - Nov'14 **Central Coordinator | INNOVISION-2014, NIT Rourkela**
Led a team of 15 members to maintain the schedule & Timings of events and conduct of the fest to run effectively. Core team member, led 150+ coordinators & volunteers to organize Annual Techno-Management Festival of NIT Rourkela.

Awards and Scholarships

- Mar 15 Awarded with the prize money of 25000/- by the **Lion India Magazine**.
- Mar 14 Selected for **Central Sector Scholarship Scheme of MHRD, India**.
- Mar 11 Got **1st Prize** in Talent Test conducted Mandal level by HAMEED SHAIK.
- Nov 10 Got **3rd prize** in Puzzle Competition conducted by **Eenadu Newspaper**

MOOCs and Extra Academic Courses

- **Machine Learning Foundations: A Case Study Approach**
University of Washington - COURSERA
- **Machine Learning: Regression**
University of Washington - COURSERA
- **Python Programming From Scratch**
Eduonix Learning Solutions - Udemy

Interests and Activities

- Gaming, Watching TV Series
- Swimming, Badminton, Cricket