

AKHILA PAMIDI

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SKILLS

- DS/Algorithms
- Scalable system design
- Design patterns
- Debugging
- Javascript/Php/JQuery/Html
- Python, Java EE, C++
- SQL and NoSQL
- Git
- Apache storm
- Elasticsearch
- Azure/AWS
- Kafka/Zookeeper
- Rest API
- ORM
- Unix

EXPERIENCE

Frrole.AI, Bangalore - *Backend Developer*

Feb 2018 - PRESENT

- One of the two backend developers of a social intelligence startup.
- Worked on a real-time system that processes over 10 million data points/day.
- Maintained over 40 Azure/AWS based VM's and managed the infrastructure.
- Worked with Python, Java, Storm, Kafka, Zookeeper, Elasticsearch and MongoDB clusters.
- Optimized user intelligence tool API performance by 600%.

TravelSpends, Bangalore - *Software Engineer*

Aug 2017 - Feb 2018

- One of the 4 backend developers of a travel analytics based startup.
- Built a web scraper framework to scrape and process data from various airline websites
- Built a framework to create customized reports from airline and agency data.
- Worked with Python, Javascript, Php, SQL.

Citrix, Bangalore - *Software Engineer 2*

July 2016 - Aug 2017

- Worked with Xenmobile and Secure Forms team.
- Maintained Push notification micro service which uses APNS/GCM to push real time mail notification over cloud on mobile devices where server will be hosted on AWS.

- Worked on front end system of enterprise mobile application for forms.
- Worked with Java, SQL, Android and Junit.

Oracle, Hyderabad - *Application Developer*

June 2015 - July 2016

- Worked with SCM team.
- Used Java, Oracle ADF and SQL in my work.

EDUCATION

- **National Institute of Technology, Calicut - *B.Tech CSE 7.93/10***

May 2011 - May 2015

- **Sri Chaitanya College, Vijayawada - *12th standard, 97.8%***

April 2009 - April 2011

- **Damodara Public School, Ongole - *10th Standard, 94%***

May 2008 - April 2009

PROJECTS

CloudVirt – A Simulator for Cloud environment (Major Project)

Tools: Java, Eclipse

Description:

- Developed a discrete event simulator which aims to help researchers to model and test applications and policies in cloud computing environments.
- Modeled and simulated different components like Data centers, VMs , Hosts, Users, communication between VMs.

Automated IRCTC ticket booking

Tools : Javascript, Localstorage API, jQuery

Description :

- Chrome extension to automate IRCTC ticket booking by injecting Javascript into IRCTC website.
- Used Localstorage API to save ticket details from the user initially. The extension loops up the booking process till the captcha.

Spell Corrector and Natural Language Parser(NLP course)

Tools: Python, Natural Language Toolkit

Description :

- Implemented a spell corrector module by training a probability model from a text containing most frequently used words in British National Corpus.
- Achieved an accuracy of 85% when tested on Birkbeck spelling error corpus.
- Sentence parsing was achieved through Dynamic Programming by creating a bottom up chart parser.

ACHIEVEMENTS/EXTRACURRICULAR ACTIVITIES

- Secured AIR-5439 in AIEEE 2011.
- Received Assimilator Award in Oracle for best performance among new joiners.
- Promoted to Software Engineer 2 in Citrix in 8 months.
- Reading Books.

