Ramakrishna Pattnaik

Email - rkpattnaik780@gmail.com
Github - github.com/rkpattnaik780
Website- rkpattnaik780.github.io
Contact - +91-9439573806

Work Experience

- **SOFTWARE ENGINEER,**
  Red Hat, Bangalore
  (September '21 - Present)

  - Team lead for OpenShift Application Services CLI.
  - Maintenance and development of CLI with focus to improve Developer Experience of the Red Hat's Managed Services.

- **ASSOCIATE SOFTWARE ENGINEER,**
  Red Hat, Bangalore
  (April '20 - September '21)

  - Implemented web console for AMQ Online using React.js, Node.js, GraphQL and Patternfly.
  - Developed web console and CLI using Golang and cobra for managing Kafka clusters for Red Hat Openshift Streams for Apache Kafka.

- **SOFTWARE DEVELOPMENT INTERN,**
  Red Hat, Bangalore
  (September '19 - February '20)

  - Contributed to the web console of Enmasse using React.js, Node.js, GraphQL.

- **SOFTWARE DEVELOPMENT INTERN,**
  Skylark Drones, Bangalore
  (December '18 - February '19)

  - Worked with Vue.js, Flask, D3.JS and MongoDB. Dealt with geo-spatial data and map based data visualizations.

- **RESEARCH INTERN,**
  Delhi Technological University
  (May '18 - July '18)

  - Implemented a CNN architecture for multiple face recognition in a single image.

Open Source Involvement

- **JBoss**
  - Google Summer of Code mentor for Aerogear community for the project charmil (2021).
- **BioJS**
  - Contributed to biojs-frontend web application developed in Vue.js
- **Public Lab**
  - Implementation of additional layers in *leaflet-environmental-layers* using Leaflet.

Education

- Bachelor of Technology in Computer Science and Engineering, College of Engineering and Technology, Bhubaneswar   **CGPA 8.61** (2016-2020)

- XII (Higher Secondary), Kendriya Vidyalaya No.1, Bhubaneswar (2016)   **92.8%**

Skills

- **Programming Languages**: Golang, C/C++, Python
- **Web Development**: HTML5, CSS3, JavaScript, NodeJS, Flask
- **Libraries and Frameworks**: React/Redux, Vue.js/Vuex, jQuery, Bootstrap, Vuetify, D3.js, Parse, ExpressJS, OpenCV, Scikit-learn
- **Databases**: MySQL, MongoDB, GraphQL
- **Work tools**: Git, Docker

Achievements

Runners up in RevHack 2020, Hackathon conducted by Reverie Languages Technologies.

Winners in Hackfest 2018, Hackathon conducted by CET, BBSR in association with Google Developers Group.

Second runners up in GenHax 2018, Hackathon conducted by Invincix Solutions Pvt Ltd, Bhubaneswar

Projects

- **Road inspector**
  - Tracking the path covered by a vehicle in realtime and show the evenness of road based upon the acceleration of device.
  - An android app was developed to get the coordinates and acceleration.
  - Web app developed using NodeJS, Socket.io, Leaflet and Charts.js.
- **Sonores**
  - A Google Chrome extension aiming to bring digital equality.
  - Centered around enabling users to submit forms in any language.
- **Illness Predictor**
  - Predicting Illness type by using a predictive model trained on CAB survey data.
  - Built using python3, pandas, scikit-learn, TensorFlow, flask and D3.js
- **Engineer's Cup Live**
  - Live scoreboard for Engineer's Cup, the annual sports event of CET Bhubaneswar.
  - Developed using ExpressJS, AngularJS, websockets and Bootstrap.