RAJAT SINGH

Full Stack Developer

As a Software Developer, I have almost 2 years of intense development experience in building complex end-to-end applications. Besides strong development experience, I have gained a deep understanding of Javascript as a language, its ecosystem, frameworks, and best practices.

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WORK EXPERIENCE

Full Stack Developer - SDE-1
Slice

08/2019 - Present   *Bangalore,India*
A fintech company which is an online lending platform that offers financing services for young.

Responsible for-

– Developed full-stack web applications that processed, analyzed, and rendered data visually, using React-redux, HTML5, and CSS ensuring high performance on Mobile and Desktop.
– Also worked on complete deployment of frontend on AWS
– Restful API design and development using NodeJS, Express, and MongoDB, Redis.
– Collab with Backend developers, Frontend developers, quality assurance testers, and designers as needed.
– Writing test cases, Bug resolution fixes in real time.
– Also worked on AngularJS, Typescript, Embedded Javascript
– Key tools used: Git, Webstorm, Jira, AWS

Fullstack Bootcamp
Mountblue Technologies

05/2019 - 08/2019   *Bangalore,India*
Work closely with high growth ventures to solve their entry-level tech hiring.

Tasks:

– Training in MERN stack - ReactJs, NodeJs, Html, CSS
– Deep understanding in Javascript/ES6+, JQuery, EJS
– Designed and developed Micro-services, based on NodeJs.
– Server deployment on AWS, Heroku.

Software Developer Intern
Lucknow Metro Railway Corporation

2 months

Tasks

– Worked closely with the developers on designing an Android based application on java giving useful information to people who want to travel in the Metro.

ACADEMICS

Computer Science Engineering
Jaypee Institute of Information Technology

2019   *Noida,India*

Courses

– Completed Bachelors in Engineering majored in Computer science with a first-class grade.
– I had published Two Research papers in International Conference on Contemporary Computing IC3 on projects based on Machine Learning techniques like SVM, and LSTM.

XIIth (ISC BOARD) & Xth (ICSE BOARD)
City Montessori School, Lucknow

2014   *92.2% / 90.2%*

Courses

– Majored in Maths, Physics, Chemistry, & Computer Science

SKILLS

Javascript/ES6+   React/Redux   NodeJs

Java   MySql/MongoDB   Web   HTML5

CSS   AWS   Redis   Microservice

PROJECTS

Web Application using React JS (2020)
– Made Interactive UI for a Web Application using React JS, CSS, Material-UI Components & Bootstrap compatible for Mobile as well & created Rest APIS to connect with database.

Clone of Myntra (E-commerce website) (2019)
– It was made with React-redux, HTML/CSS, with backend in express NodeJS & database in MongoDB with complete end-to-end authentication along with an admin dashboard.
– Tools used: Git, Heroku App, AWS, MongoDB Compass

Fatality Prediction using Machine learning techniques (2019)
– Created a multi-class classifier (SVM) that predicts the collision-type
– The dataset was taken from Pensylvania Traffic dataset 1995-2018
– It can be further utilised for predicting the fatality of the collision

Music Genre Classifier (2018)
– The Hybrid model of two classifiers namely SVM and LSTM Neural Networks was used.
– It classifies the genre of an audio into 10 Genres using this hybrid model.
– The dataset used was GTZAN containing 1000 songs, 100 from each genre.

ACHIEVEMENTS

Appreciated for the best performer in terms of fixing bugs and delivering new features efficiently.

Published a Research Paper on the Project "Fatality Prediction using Machine learning techniques " in International Conference on Contemporary Computing IC3 2019 held at JIIT, Noida (2019)

Published a Research Paper on the Project "Music Genre Classifier using SVM and LSTM Neural Networks" in International Conference on Contemporary Computing IC3 2018 held at JIIT, Noida (2018)

Got Certificate of Merit for attending training on Core Java and Android Application Development by NIIT , Lucknow. (2017)

INTERESTS

Coding   Guitar   Art   UI/UX design